

The Cotton Gin and Oil Mill

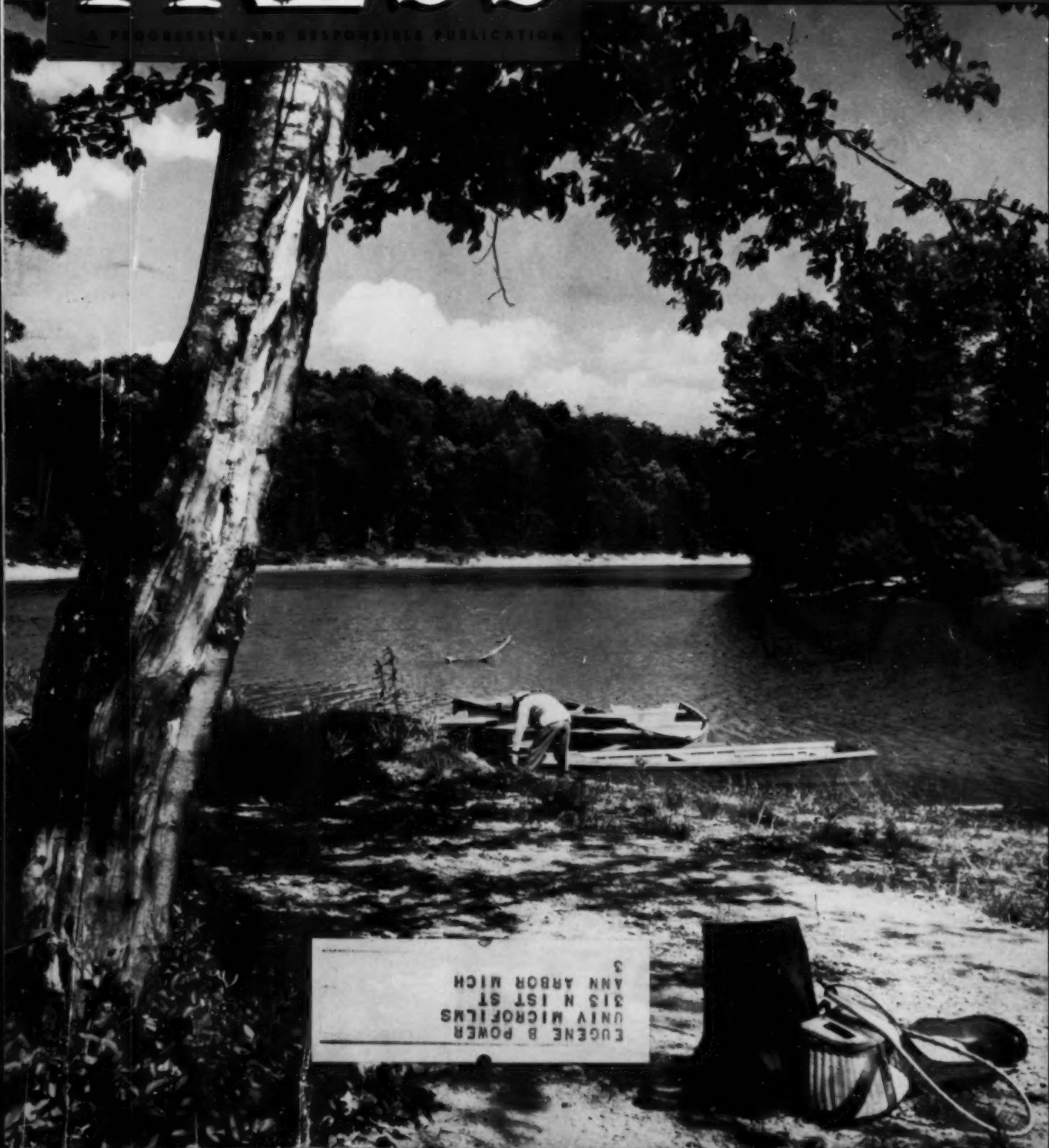
PRESS

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JULY 26, 1958

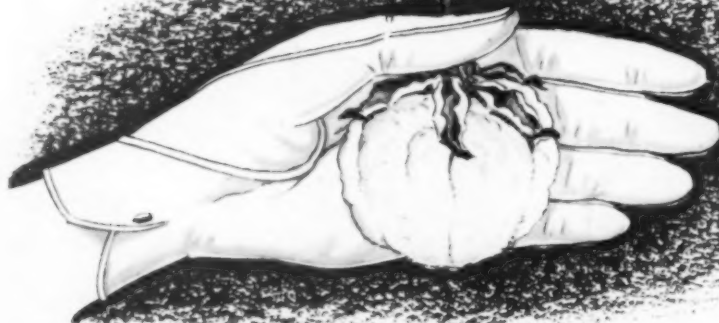
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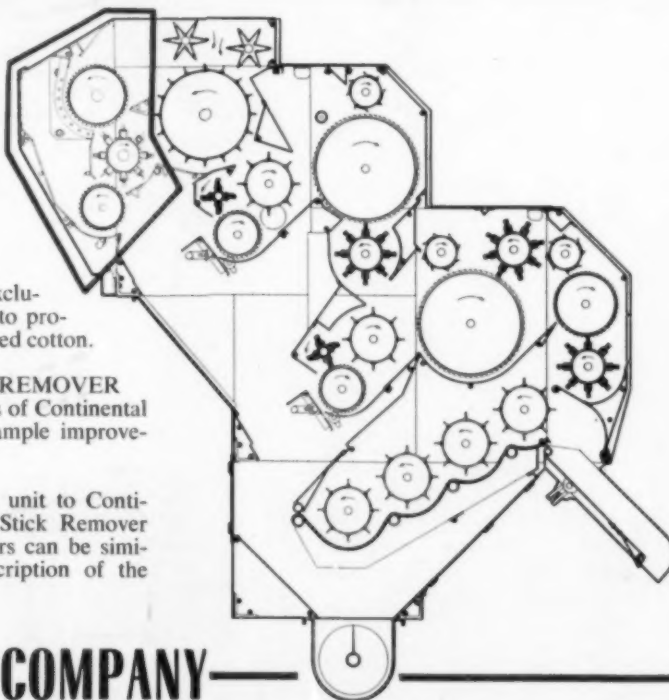
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Illustration shows application of the new unit to Continental's Perfection or 4-X Extractors, with Stick Remover outlined in color. Other Continental Extractors can be similarly and easily equipped. A complete description of the unit will be furnished on request.



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THE COTTON GIN AND OIL MILL PRESS

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OUR COVER PICTURE:

Julius and Augustus (Caesar, that is) should have gone one step more when they were naming these two hot summer months after themselves. Why didn't they pass a law, or whatever the Romans called what their Senate did, making it compulsory for everyone to quit work and go somewhere like the lake in our cover picture? It certainly would have been better than sitting and banging out stuff on a typewriter—better than reading it, too. Maybe it's not too late to pass that law now—pardon us, while we write our Congressman.

Photo by Frank J. Miller



Tired of herding cattle, two Texas cowpokes moved to the city and took jobs on the police force. They had only been working a week when they turned in their resignations.

"What's the matter?" asked the sergeant. "Is the work too hard for you?"

"No, it ain't that," said one. "Me and Slim, here, decided to open our own station. He's gonna run 'em in and I'm gonna fine 'em."

A professor of English literature included in his examination questions the query: "What did Shakespeare do in his experimental period?"

He naturally expected the students to provide the titles of some of the great master's early plays, but one knowing young lady removed the curse of dullness from her paper by replying, "He married Anne Hathaway."

Two sisters were taken before the judge by a motorcycle policeman. "I see," said the magistrate, "that according to this ticket you were driving through a forty-mile zone at fifty miles an hour."

"Well, what of it?" said one girl. "The dealer who sold us the car said we could go as fast as we liked after the first thousand miles."

"Your honor, I was not intoxicated." "But this officer says you were trying to climb a lamppost."

"I was, your honor. A couple of big crocodiles were following me, so who wouldn't under the circumstances?"

A seagull flew into Andy's the other day and landed on the bar. "Gimme a drink," the gull said, "I'm so tired I could drop."

"You do and it'll be the last time you come in here," replied the bartender.

One difference between men and women is that women want a permanent wave, while men want permanent hair.

The famous divorcee was granted her decree. On the steps of the courthouse a reporter stopped her.

"How do you feel?" he asked her.

"I feel like a new man," was her reply.

No less happy than the bride to be was her doting mother, as the two sat down for an intimate chat.

"Now, tell me, mother," the girl whispered, "what I ought to know before—"

"Of course, my dear," said the fond mother shyly lowering her eyes. "Well, to begin with, when your husband kisses you good night—"

"Oh, I know all about that, mother. I want to know how to cook his breakfast."

"But you don't understand," explained the coed to the usher at the college play as he led her down to the orchestra aisle. "I have a box seat."

"Just keep your coat on," the usher advised, "and no one will notice it!"

When writing love letters, it is well to begin with: "Sweet Buttercup . . . and Gentlemen of the Jury."

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Cecil Collettere, left, Arizona cotton leader; and Claude L. Welch, National Cotton Council, are leaders in developing the Conference.



Program Announced for MECHANIZATION CONFERENCE

COTTON MECHANIZATION leaders will meet Aug. 12-13-14 in the Lower Rio Grande Valley of Texas for the 1958 Beltwide Cotton Mechanization Conference. Sessions will be held in the Brownsville Civic Auditorium.

The complete program has been announced by Cecil H. Collettere, Arizona cotton leader who is chairman of the National Cotton Council Production and Marketing Committee; and Claude L. Welch, director of the Council Division of Production and Marketing.

The Council, Farm Equipment Institute, USDA, Cotton Belt land-grant colleges, Valley Farm Bureau and others are sponsoring the Conference.

Collettere will make the opening statement; and C. B. Ray, executive manager, Valley Farm Bureau, will welcome visitors at the first session, 1:30 p.m. Tuesday, Aug. 12.

Other speakers and their subjects at this session will be:

"Weighing Cotton's Future"—George G. Chance, chairman, board of directors, National Cotton Council, Bryan, Texas.

"Mechanization Research Needs and Challenges"—Dr. C. R. Sayre, president, Delta and Pine Land Co., Scott, Miss.

"The Gears Must Mesh"—George A. Kelly II, chairman of executive committee, Farm Equipment Institute, and G. A. Kelly Plow Co., Longview, Texas.

"Management's Command Decisions"—Dr. T. R. Timm, head, department of agricultural economics and sociology, Texas A&M College, College Station.

"Mechanizing My Farm"—Frank Schuster, San Juan, Texas.

Dr. Dial F. Martin, right, heads the USDA pink bollworm research at Brownsville, Texas.



• **Second Morning**—The program at the Wednesday morning session will consist of the following discussions:

"Soil Conditioning—A Key to Efficiency"—P. E. Ross, agricultural engineer, USDA, Weslaco Experiment Station, Weslaco, Texas.

"Tooling For In-Furrow Disease Control"—Dr. Luther S. Bird, cotton pathologist, department of plant physiology and pathology, Texas Experiment Station, College Station.

"Research Round-Up on Ground-Application Equipment for Liquid Chemicals"—Leader: Rex F. Colwick, coordinator, Regional Cotton Mechanization Project, State College, Miss.

"High-Clearance Rigs"—E. B. Williamson, agricultural engineer, USDA, Delta Branch Experiment Station, Stoneville, Miss.

"Nozzles"—Lambert H. Wilkes, agricultural engineer, Texas Experiment Station, College Station.

"Herbicidal Equipment"—Carl H. Thomas, agricultural engineer, Louisiana Experiment Station, Baton Rouge.

• **Afternoon**—Speakers and their subjects on Wednesday afternoon will be:

ana Experiment Station, Baton Rouge. Panel: "Mechanization and Quality Cotton"—Leader: Ed H. Bush, executive vice-president, Texas Cotton Ginners' Association, Dallas.

"Producing"—Fred C. Elliott, cotton work specialist, Texas Agricultural Extension Service, College Station.

"Picking"—O. B. Wooten, agricultural engineer, USDA, Delta Branch Experiment Station, Stoneville, Miss.

"Stripping"—E. W. Schroeder, head, department of agricultural engineering, Oklahoma State University, Stillwater.

"Handling and Ginning"—Robert A. Montgomery, cotton technologist, USDA Cotton Ginning Laboratory, Stoneville, Miss.

The Wednesday afternoon session will end with the following discussions:

"Needed — A Better Cotton Quality Yardstick"—George S. Buck, Jr., technical research assistant to executive vice-president, National Cotton Council, Memphis.

"Breaking New Ground in Mechanization"—Claude L. Welch, director, divi-



Rex Colwick, USDA, and Dr. T. R. Timm, Texas A&M, will speak at the Conference.

sion of production and marketing, National Cotton Council, Memphis.

"Breakthrough in Pink Bollworm Research"—Dr. Dial F. Martin, head, pink bollworm section, USDA, Brownsville.

A tour of the Pink Bollworm Research Center, a few blocks from the Conference headquarters, will end the session.

• **Tour for Final Day**—Thursday's program of the Conference will be devoted to a tour of cotton industry develop-



DR. LUTHER S. BIRD, Texas A&M, will be one of the research leaders on the program of the Conference.



JOE ROTHE, Texas Extension District Agent in the Lower Valley, is in charge of the Thursday all-day tour.

ments on the U.S. and Mexican sides of the border.

Joe H. Rothe, district agent, Texas Extension Service, Weslaco, is in charge of the tour.

Calcot Handles 460,000 Bales

Calcot, Inc., reports that the cooperative handled 460,000 bales of cotton this season.

• Bintliff Interests Buy Waco Mill

ALL outstanding stock of Brazos Valley Cotton Oil Co., Inc., Waco, Texas, has been purchased by the David C. Bintliff Interests of Houston.

The general offices and plant of the cottonseed processors occupy an entire block in the central part of Waco. There are also plants on an 11-acre site outside Waco on State Highway 6 and at San Benito in the Rio Grande Valley. The firm has offices in Robstown, El Campo, and Leonard, Texas, and in Lafayette, La., as well as a cotton gin at Fairfield, Texas.

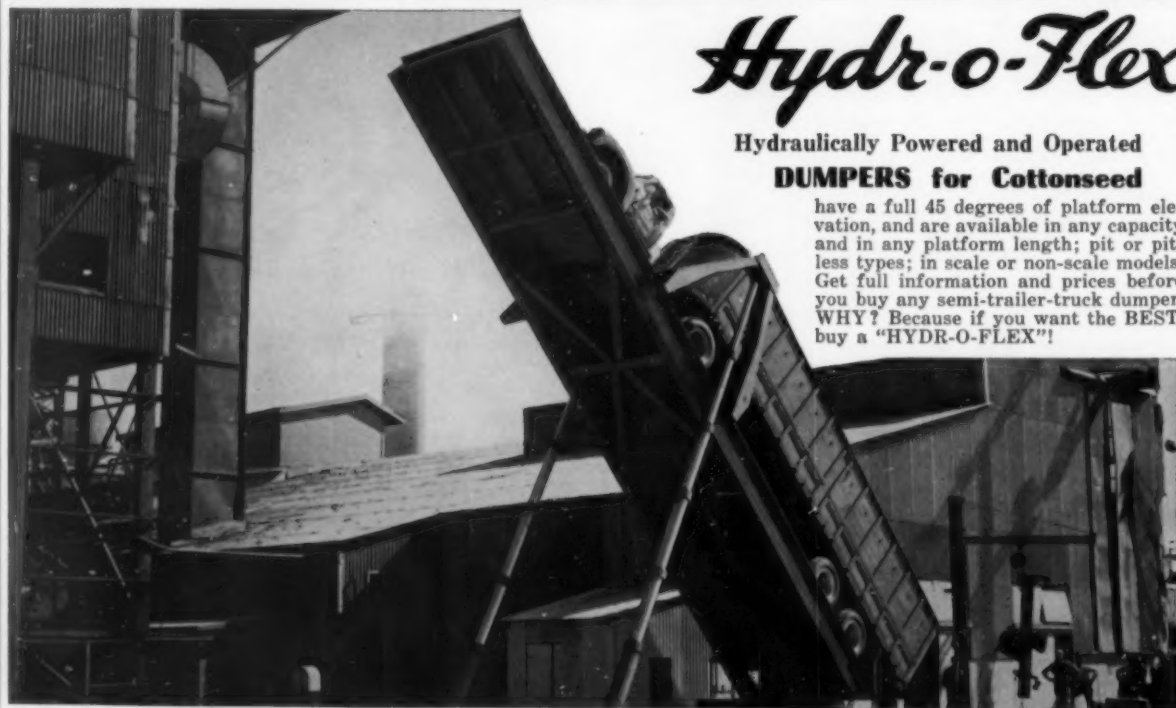
Brazos Valley Cotton Oil Co. purchases cottonseed throughout Texas, New Mexico, and Louisiana. The firm also processes flaxseed and soybeans. Total plant capacity is 240 tons per day.

David C. Bintliff is a Houston oilman and financier with extensive ranching and real estate interests. This is his first major investment in the McLennan County area.

The new owner indicated that the firm would continue to operate as an independent oil mill and that no major changes in plant or management personnel were contemplated.

Mill Host for Barbecue

Western Cottonoil Co., Lubbock, was host for a barbecue lunch, July 12, during the Angus Short Course and Field Day at Texas Technological College.



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• Futures Trading In Cotton Up

FUTURES TRADING in cotton increased, but soybean and fats and oils futures trading decreased during the fiscal year ended June 30, as compared with a year earlier. The rise in cotton activity followed a long decline, USDA points out.

Soybean trading, although less active, ranked second to wheat in volume. The 3,900,000,000 bushels represented a 12 percent drop from 1956-57.

Activity in cotton futures, after declining almost steadily since the Korean War, registered a moderate increase in 1957-58. The 25,202,000 bales traded was 13 percent above the previous year. About 82 percent of the 1957-58 volume was on the New York Cotton Exchange and nearly 18 percent on the New Orleans Cotton Exchange.

Activity in the futures markets for fats and oils, although declining from the high levels of 1956-57, continued in substantial volume. Soybean oil trading on the Chicago Board of Trade, at 8,900,000,000 pounds, was the second largest volume on record. Trading in cottonseed oil futures, principally on the New York Produce Exchange, amounted to approximately 3,600,000,000 pounds; and in lard futures on the Chicago Board of Trade, about 1,600,000,000 pounds.

With livestock prices advancing most of the year and a good demand for soybean meal, activity in soybean meal futures reached a record 6,700,000 tons in the 1957-58 fiscal year. The greatest part of this trading was on the Chicago Board of Trade, with a smaller volume on the Memphis Board of Trade Clearing Association. Futures trading in cottonseed meal on the latter market decreased 32 percent during the year to 90,700 tons.

Texas Association Holds Ginners' Meetings

Four district meetings of Texas Cotton Ginners' Association have been held during the past week—at Brenham, Austin, Temple and Waco.

The location for the July 30 meeting of Districts 4 and 5 has been moved to the Fairgrounds at Corsicana. It starts at 6:30 p.m.

A meeting July 31 at the Gibraltar Hotel, Paris, will be followed by these meetings in August: Windsor Hotel, Abilene, Aug. 6; Hotel Del Norte, El Paso, Aug. 8; Lake Pauline, Quanah, Aug. 28; and Lubbock Hotel, Lubbock, Aug. 30.

Buckeye Men in Japan

Three officials of Buckeye Cellulose Corp. have flown to Japan to visit customers operating rayon mills. Making the trip are O. H. Alderks, vice-president, research and development; Dr. C. B. Weiss, sales manager; and E. E. Hembree, director of customer service.

Seed Taxes Abolished

India has abolished export taxes on sesame oil, sesame seed, peanuts, flaxseed and safflower seed, USDA reports. Duties on exported peanut oil and castor oil were abolished last June.

Three Cooperatives Meet And Elect Directors

F. Marion Rhodes, USDA, Washington, and Eugene Butler, The Progressive Farmer, Dallas, spoke July 16 at the annual stockholders' meeting of Plains Cooperative Oil Mill, Farmers' Cooperative Compress and Plains Cotton Cooperative Association in Lubbock. About 800 persons attended.

New directors of the oil mill include Cary Gooch, Shallowater; Otha Edgar, Liberty; Tommy Applewhite, Cotton Center; J. H. Smith, Pettit; B. G. Smith, Seagraves; Ray Greer, Morton; S. A. Hargraves, Post; H. W. Lawler, Lovington, N.M.; Gerald Wilborn, Knott; L. K. Anderson, Sudan; H. M. McBee,

Enoch; Earl Mitchell, Tulia; Jack Hines, Lamesa; and Clarence Church, Wilson.

Elected as directors of the cotton association were F. D. Clayton, Earth; W. A. Campbell, Floydada; J. D. Braswell, Lamesa; H. W. Lawler, Lovington, N.M.; J. C. O'Brien, Morton; B. J. McCalurin, O'Donnell; O. E. Patterson, Oilton; Robert Tipton, Plainview; R. M. McSwain, Seagraves; C. E. Campbell, Wilson; Herman Edwards, Lubbock; J. C. Muller, Jr., Hart Camp; L. K. Anderson, Sudan; Jackie W. Randolph, Pettit; and A. F. Greer, Post.

The directors of each of the cooperatives will elect new officers at their respective board meetings in the near future.



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Bob Taylor Agricultural Photo.

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MEMBERS of the Oilseed Production Research Subcommittee of the National Cottonseed Products Association and others who attended a meeting of the group July 21 in Dallas to discuss oilseeds are shown here.

• Oilseed Production Research Studied

OILSEED RESEARCH progress and needs were discussed July 21 at a Dallas meeting of the Oilseed Production Subcommittee of the Research Committee of National Cottonseed Products Association.

Future recommendations for research will be based upon information presented at the meeting.

Dr. Harold Loden, Western Cottonoil Co., Plainview, Texas, is chairman of the subcommittee and presided at the meeting. Dr. Harold Wilcke, chairman of the Research Committee, outlined ob-

jectives of that group.

Subcommittee members attending the Dallas meeting were H. S. Baker, Producers Cotton Oil Co., Fresno, Calif., who is president of the National Cotton Council this year also; J. M. Johnson, Anderson, Clayton & Co., Houston; H. W. Webb, Coker's Pedigreed Seed Co., Hartsville, S.C.; R. L. Parker, Texas Sesame Seed Growers' Association, Paris; and James Yost, J. G. Boswell Co., Corcoran, Calif.

Representatives of USDA and other research agencies, the National Cotton Council, NCPA officials and others participated in the research discussions. Their comments indicated the following

status of production of major oilseeds:

Soybeans were described as the most promising oilseed for immediate expansion in most areas of the Cotton Belt.

Safflower, however, has shown the most expansion in the Far West, where soybean development has been negligible to date.

Castorbeans also have expanded somewhat recently in the Far West and western Texas and Oklahoma, under irrigation; but prices may be the limiting factor.

Sesame, which now grows on about 15,000 acres in Texas, has proved a good crop for farmers to grow for the bakery trade, which pays much above oilseed prices. Its future as an oilseed in the U.S. depends upon improved, nonshattering varieties, ability to compete with other crops, and further progress in mechanical harvesting, insect and disease control, etc.

On the program at the Dallas meeting, in addition to Doctors Loden and Wilcke, were: Robert L. Parker, who discussed sesame; Dr. Murray L. Kinman, USDA-Texas Station, who discussed miscellaneous oilseeds; Henry Webb and James A. Yost who discussed soybeans; Ward Calland, who discussed soybean production research; and Garlon A. Harper, NCPA director of research and education, who outlined cottonseed production and research problems that may be solved through production and breeding research.

Cottonseed quality research was reviewed by Dr. Thomas Kerr, USDA; T. H. Hopper, USDA Southern Laboratory; and C. B. Spencer, Texas Cottonseed Crushers' Association.

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wood; Dallas—the Baker and the Travis; El Paso—the Cortez; Galveston—the Buccaneer, Galvez, Seahorse, Jean Lafitte and Coronado Court; Laredo—the Plaza; Lubbock—the Lubbock; Marlin—the Falls; San Angelo—the Cactus; San Antonio—the Menger and the Angeles Courts. VIRGINIA: Mountain Lake—the Mountain Lake; Norfolk—the Monticello.

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Oklahoma Crushers To Meet May 18

Oklahoma Cottonseed Crushers' Association will hold its 1959 convention on May 18. The meeting will be at Lake Texoma Lodge, Kingston, Okla.

Du Pont Expands Nylon

Du Pont has announced facilities for Du Pont 420 nylon which will permit expansion into new markets. The new facilities, at Seaford, Del., were "necessitated by the unusual demand for fortified cotton fabrics," the manufacturer said.

As compared with one manufacturer and three textile mills using the nylon with cotton in the work clothing marketing a year ago, now eight mills, 10 manufacturers and 11 retail chains are now using or selling garments with nylon in them, Du Pont reports.

Demand for Cotton, Oil

USDA has foreign requests on hand for \$600 million worth of cotton, vegetable oils and other products under the PL480 program. Secretary Benson says funds for such exports are essential to maintain the volume of foreign sales of farm products. Unless exports can be foreseen, USDA will have to reduce acreage allotments and lower price supports for cotton, he added.



Buys Gullett Gin Co.

WELL-KNOWN COTTON-WORLD figure John T. Gordin of Dallas has assumed the presidency and controlling interest of Gullett Gin Co., Amite, La., with the purchase of 97 percent of the firm's stock. Gordin, who has been associated with the ginning industry for more than a quarter of a century, will continue as president of Moss-Gordin Lint Cleaner Co. of Dallas and Lubbock. Founded in 1849, the Gullett Gin Co. is the oldest manufacturing concern in the state of Louisiana. The firm has been engaged in the development and production of ginning equipment for the South's cotton industry since pre-Civil War days.

• Distribute Article In Southeast

TO ENCOURAGE farmers to grow cotton, three organizations will distribute reprints of the article, "Cotton Has a Future in the Southeast," starting on Page 12 of this issue of The Press.

The information, presented originally as an address before the recent crushers' convention at Myrtle Beach, S.C., is being distributed by South Carolina Cotton Seed Crushers' Association, North Carolina Cottonseed Crushers' Association and National Cottonseed Products Association.

E. T. Hollowell, NCPA Research and Educational Division field representative, Mrs. M. U. Hogue of the North Carolina Association and Mrs. Durrett L. Williams of the South Carolina Asso-

ciation have arranged for this program to give Southeastern farmers encouraging facts about cotton.

Plains Cotton Outlook "Best in History"

Texas High Plains cotton prospects are the "best in history," growers report. The crop may exceed 1,700,000 bales, or 200,000 bales more than a year ago. The record was 1,650,000 bales in 1956. The crop is about a month earlier than last season's.

■ JOHNNY HARPER, Western Cottonoil Co., Abilene, is receiving congratulations upon the arrival of the seventh child in the family, a boy. (This makes it four to three in favor of the boys among the Harpers.)

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COTTON

Has a Future in the Southeast

A North Georgia County Agent and 4-H Club boy examine cotton that made 16,875 pounds of seed cotton on five acres.

COTTON has a future in the southeastern section of the Cotton Belt. This is a flat statement which I shall spend the next several minutes proving. It is my hope, in so doing, to add some measure of momentum to the growing determination of the cotton industry leadership of this section to rebuild itself upon stronger foundations which will stand into the future.

Let me point out in broad outline seven fundamental reasons why cotton has a future in the Southeast.

• 1. Cotton is in crisis in this area.

It is because the outlook for cotton in the Southeast is so bad that it is so good! The seriousness of the present is obvious. In 1957 we harvested the least number of acres and produced the lowest number of bales in history—with the exception of 1950. It will be worse in 1958. It is this present crisis which makes the future appear good.

When the going gets rough, folks get busy. We begin to work together. It seems to take crisis to put fight and teamwork into us.

In 1942 we got run out of the Philippines. General Douglas MacArthur, as he rode away in a PT boat, shouted back at the shore, "I shall return!" In 1945 he returned. I was with him, and perhaps some of you. Between 1942 and 1945, the American people closed ranks, got busy and met the crisis.

In 1922 my mother had pneumonia. She went into crisis. Her life hung by a thread. I was a small boy, but I shall never forget the family prayers, and the doctor's vigil in that crisis. She got well, as cotton will!

There has not been a time in the history of cotton production in the Southeast when there was such unity of purpose, determined effort, and careful planning for cotton as now. Speaking for North Carolina, the organization I represent is evidence of this.

The North Carolina Cotton Promotion Association was conceived and activated to meet cotton's crisis. In it the general farm organizations, the cotton industries and allied business interests in the state to whom cotton is of economic importance have a common meeting ground, a common voice, and central place from which to move on the basic problem of cotton.

There is evidence that in other states of this area farm and industry leaders are awakening to the problems which are peculiar to the section.

Yes, folks get busy and work together when the going gets rough. That is why

I say cotton's future in the Southeast is beginning to look good. We are in crisis and we are setting out to meet it.

• 2. There is land in the Southeast suited to cotton production.

Name the rivers of the Southeast and you will have defined some of the finest soil for cotton promotion in the U.S.: the Tennessee, the Alabama, the Tombigbee, and the Coosa; the Etowah, the Oostanaula, and the Savannah; the Wateree, the Congaree, the Pee Dee, and the Black; the Roanoke, the Cape Fear, the Catawba and the Deep.

Scattered in its piedmont plateaus are sections of sandy loam clay which are highly productive.

Bending in a great arc, commencing at Atmore, Ala., is the Coastal Plain. It contains the well-known Wiregrass section of that state, with Dothan the Queen City. Through Georgia one follows it from Moultrie to Statesboro. Cross the Savannah River and much, or all, of the counties of Hampton, Orangeburg, Colleton, Clarendon, Sumter, Darlington, Williamsburg, Marion, Marlboro and Dillon comprise it.

Cross into North Carolina at Maxton and follow a line northward, gently trending toward the east to Emporia, Va., and you have it. To either side of this line, in varying widths of 20 to 60 miles, is an area of that state where cotton can be planted in most favorable soils.

In mentioning this suitable cotton land of the Southeast, it needs to be added that the climate which dominates it is naturally favorable to cotton production.

This fact of suitable land and favorable climate is fundamental to cotton's future in the Southeast. It seems to have been overlooked, or to say the least, taken for granted in recent agricultural trends in our area. It is basic to production of any field crop that these two factors be favorable. With these in its favor, a crop can have real hope for development in any program of agriculture. Research and education can make progress when soil and weather are right.

In the Southeast there is right soil and right climate upon which a broad and successful program of cotton production can be built.

• 3. Uncounted numbers of people in the Southeast want to, and can, grow cotton.

In mid-May a questionnaire was sent to 2,000 cotton farmers of North Carolina, distributed as to size of acreage allotment and as to the geography of the state. In the questionnaire they were asked: Would you lease your cotton acreage to another grower if law allowed? Of the 475 who replied, 74.8 percent indicat-

By

Frederic H. Heidelberg

Executive Vice-President
North Carolina Cotton
Promotion Association

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Dept. CG, Springfield, Ohio

An address before the 1958 joint convention of the North Carolina, South Carolina and Southeastern Cottonseed Crushers' Associations.

ed they would not do so. Pencil in many of the cards were such remarks as: "I would grow more cotton if I had it," "I need my cotton," or just the emphatic word, "Never!"

A few months ago I sat in a meeting with a cotton farmer of Chesterfield County, S.C. He made this remark: "I have tried about everything on my farm, but I have always come back to cotton. Cotton has gotten me out of the hole I went into when I tried other things." This man said in substance what uncounted numbers of farmers across the Southeast have said, and are saying. They want to grow cotton! And they can grow it—in greater quantity and quality than area averages indicate!

A recent study by Clemson College of the South Carolina Five-Acre Cotton Improvement Contest over a period of 30 years shows an average production of 600 pounds of lint per acre on more than 18,000 five-acre plots. A cost and net profit analysis of these plots is startling.

A per-acre average yield of 296 pounds of lint shows a per-pound production cost of 30.88 cents, with a net profit of \$21.93. Increase the yield to 509 pounds, and net profit quadruples to \$82.08. At two and a half times the low yield, or 731 pounds, net profit soars to \$158.46 per acre, or by 800 percent.

If you are saying to yourself, somewhat cynically, that these figures are taken from contest data and are not realistic at the level of a total farm operation, let me tell you the Troutman story from Hoke County, N.C.

D. P. Troutman is a plain farmer, who grows as much cotton as he is permitted. On his 35 acres of cotton he averaged 625 pounds of lint per acre for the five-year period 1950-1955. This was double the state average. In 1956 and 1957, he bettered this average. His estimated net profit per acre was \$153.00. It needs to be added that Mr. Troutman had followed carefully the recommended Extension Service production practices for cotton, plus a Soil Conservation Service farm plan. He is one of the cotton farmers of North Carolina who has totally mechanized his cotton production and harvest program.

Maybe you are saying, "This is just one unusual grower." If so, let me take you over to Georgia where a Bale-and-a-Half Club has been underway for the past two years. There were, in 1957, 74 Georgia cotton farmers who earned membership in this Club with yields ranging from 714 pounds to 1,199 pounds of lint per acre. This program is based on total planting. Acreages range from three acres to 86 acres, with an average of 18 acres of cotton in each club member's farm. A total of 1,352 acres was in the bale-and-a-half-yield category.

Adding together these examples of production yields from South Carolina, and Georgia, the observation has merit that in the Southeast there are folks who want to, and can, grow cotton.

• 4. The laws governing cotton are a major key to cotton's future in the Southeast. These can be—and must be—modified so that cotton production in this area can live and prosper.

In a meeting of minds of North Carolina cotton leadership on May 1, 1958, the salient principles of beneficial cotton legislation were developed to the point of unanimous agreement. These were adopted on May 8, 1958, without dissent, in a statewide meeting of cotton farmers.

I shall not attempt to analyze these in detail. Two points, however, need highlighting, for they spotlight fundamental problems of the Southeast.

It is imperative that federal laws governing cotton acreage be modified to permit allocated acres to find their way into the farm programs of those who want to grow cotton. To put it another way, the cotton acres and the cotton farmers must be brought together.

The basic law under which cotton is laboring in the Southeast was passed in 1938. It tied cotton planting to the individual farm. For all practical purposes it was frozen there. It is this inflexibility of allocation which, after 20 years of change, two major wars, industrializa-

tion of many areas, and break up of families by death, still governs cotton planting. Youth is strongly discouraged from consideration of cotton growing as a livelihood by the niggardly rules governing new-grower allocations. Death is an unrecognized reality, and human considerations given scant attention. Let me give you an example.

In the community of Lattimore, N.C., there is a man 41 years of age, who 10 years ago inherited 70 acres of land from his father—land on which there was an allocation of seven acres of cotton. His step-mother lived on the family place, which he has tended along with his own.

(Continued on Page 17)



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from our Washington Bureau

by FRED BAILEY
WASHINGTON REPRESENTATIVE



The Cotton Gin and Oil Mill Press

• **Washington Jittery** — Washington is suffering from one of those periodic cases of extreme jitters in which it is never predictable and seldom acts logically. If officials had made any plans earlier, the Middle Eastern situation would have upset them anyway.

Farm legislation has been caught in the whirlpool of rapidly moving events on the international front, and it may be another two or three weeks before the situation begins to stabilize. It is a situation in which anything can happen.

We are far from certain that Congress will pass any farm legislation this year. The coup that upset the omnibus bill in the House seems to have boomeranged in the Senate. Backers of the Senate bill are having difficulty in getting it rolling.

Secretary Benson and the Farm Bureau, who engineered the downfall of the omnibus bill, are finding that they are more successful in blocking legislation they don't want than in getting Congress to act on a bill they very much want.

Democratic leadership has twice postponed consideration of the Senate cotton-rice-feed grains bill rather than risk an almost certain battle among Democrats on the floor of the Senate. Senators

Humphrey of Minnesota, Proxmire of Wisconsin and Symington of Missouri are not at all happy over the favorable report of the Senate Agriculture Committee on what they call the Benson-Ellender bill.

The three Senators, all members of the Agriculture Committee, say they are perfectly willing to do whatever is necessary to relieve cotton and rice growers of the acreage bind the present law puts them in, but they object to abandonment of the parity principle on price supports.

• **Protecting Soybean Oil** — They want some assurance too, that if cotton acreage is upped next year the government will provide some sort of an export program to take care of the added cottonseed oil. Their concern, since only Symington represents a cotton-growing state, is that soybean growers be provided protection against competition from an increase in cottonseed oil.

Even if the bill gets through the Senate without being loaded down with amendments to which Benson would object, it will face an even more uncertain future in the House, where almost anything bearing the Benson-Farm Bureau stamp of approval has the same effect as a flag on a bull.

House Agriculture Committee Chairman Harold Cooley tells us he can find very little enthusiasm for "emergency action" on farm legislation this year. There is growing support, he says, for waiting until next January to take up general farm legislation again.

House strategists reason that if they take cotton and rice growers "off the hook" at this session, they can expect very little support from those commodities for dairy, wheat and other commodities left out of the Senate bill when the new Congress comes to Washington next year.

"We think it might be better just to hold their

feet to the fire until they are ready to talk about broad-scale farm program revisions," a committee member who asked that his name not be mentioned, told us.

The House Agriculture Committee is in no mood to do anything this year. It has internal troubles that have split it into bitterly hostile camps, a sort of hang-over from the omnibus bill debacle.

The odds are that Congress will approve a loosening up on rice and cotton allotments before another crop is planted, but there is no assurance that it won't wait until next year to do it. Approval of lower cotton supports also is probable, if the international situation quiets down.

Cotton officials we talk with here think the Middle Eastern situation won't have much effect on world demand for U.S. cotton—unless the trouble spreads or seriously threatens to explode into World War III.

• **Export Outlook**—European and Japanese mills have shown almost no interest in adding to their stockpiles of cotton. That situation could, of course, change very quickly if Nasser should decide to close the Suez Canal to Western shipping.

USDA cotton export officials haven't changed their prediction that shipments abroad in the coming marketing year will decline by almost a million bales from last year — from 5,600,000 to 4,700,000 bales.

There is always the possibility, of course, that the situation in the Middle East could lead to a major brush fire war like that in Korea — even into a world war — but officials here discount that.

If it should, however, appear to bring a hot war closer, farm officials say the result might be to take the wraps off of cotton, rice and wheat producers next year. They are making no decision on that as yet, but they are keeping in mind the possibility.

The opinion here is that the Middle Eastern situation, unless it clears up soon, may serve to delay action on farm legislation rather than to expedite it. Until things settle down a bit Congress is likely to mark time on farm legislation.

The only farm bill of importance sure to go through is, of course, the two-year extension of P. L. 480. That is becoming pretty much a fixture in the agriculture picture for the future.

Louisiana Crushers To Meet

Louisiana Cottonseed Crushers' Association will hold its annual meeting Aug. 9 at New Orleans. The business session at 2 p.m. will be followed by dinner. J. P. Barnett, Jr., Opelousas, is president and Jules Cazayoux, New Roads, is vice-president.

Seek To Buy Glidden Units

Central Soya Co. has announced that it is negotiating for the purchase of part of the business of Glidden Co., but has declined to give details.

Morton with Kimbell-Norris

J. Don Morton, formerly with Traders Oil Mill, has succeeded W. B. Vaughan in the Fort Worth offices of Kimbell-Norris Mills.

TAKE A THRIFTY VACATION- STAY AT...



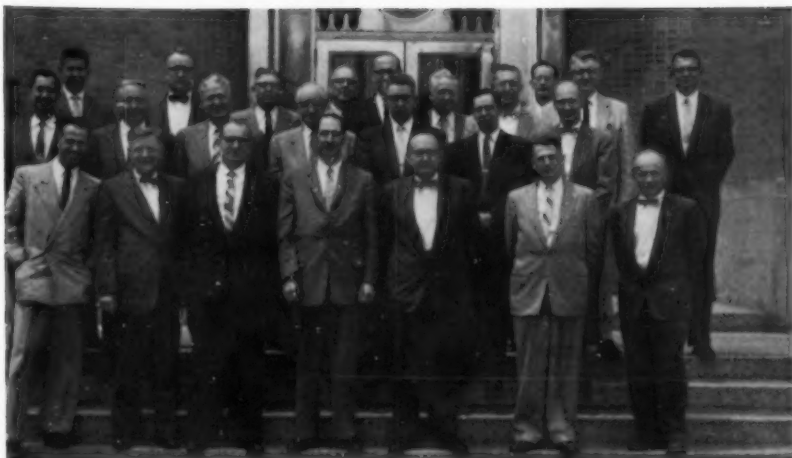
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Soybean Research Council Meets at Lab

MEMBERS of the Soybean Research Council and staff of the Northern Utilization Research and Development Division, USDA, who attended the 1958 soybean utilization conference at Peoria, Ill., are shown here. Value of the exchange of information made possible by the meeting was mentioned by W. D. Maclay, director of the utilization division, as he welcomed the group. J. C. Cowan, chief of the Oilseed Crops Laboratory of the division, outlined the program in oilseed research. W. W. Cravens, McMillen Feed Mills representative, suggested that more be done on the minor components of soybean meal. J. W. Cole, The Glidden Co. representative, discussed research needed on soybean oil. Others on the program and subjects they discussed were: C. H. VanEtten, amino acids in soybean proteins; F. B. Weakley, the alleged antithiamin factor; C. D. Evans, research in edible soybean oil; L. E. Gast, plasticizer studies; and H. J. Dutton, labeling fatty acids.

Free Water of Algae

Water storage tanks can be freed of

algae by adding small amounts of copper sulphate to the water, the University of California points out.

Ginners Can Get Help in Handling Gin Trash

Ginners can obtain the latest information on handling cotton gin trash from Texas Extension Service, through Joe R. Jones, assistant engineer, cotton ginning, College Station; or from county agents.

Information available includes Plan 411, Gin Trash Distributor; Plan 424, Gin Trash Hopper; and a sketch illustrating bur handling.

ACCO Vice-President Dies

Funeral services were held at Houston July 12 for James E. Anderson, vice-president, Anderson, Clayton & Co. and a son of one of the founders of the firm. A native of Tennessee, he grew up in Oklahoma and attended the University of Virginia.

He is survived by his wife, two sons, mother, five brothers and three grandchildren.

Crushers' Board To Meet

Texas Cottonseed Crushers' Association will have a meeting of the officers and directors and chairmen and vice-chairmen of committees in Dallas on Monday, Aug. 11. The meeting will be at the Statler Hilton.

■ RICHARD E. JAMES, Spencer Kellogg Co., has been elected a director of National Flaxseed Producers' Association. He succeeds VICTOR E. AGER, of the same firm, who recently retired.

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B. Ubberson Explains

About Women and Doctors

CHITLING SWITCH, ARK.

JULY 25, 1958

DERE MR. EDITOR:

We got a old fashioned Dr. in our town and he dont much believe in new ways of doctoring and says so. He is pretty well fixed and he dont care much about what people think. He is a good doctor and folks get him to treat them whenever he will consent to see them. Not long ago I had a friend that had some small ailment and being a old friend of the doctor he went to see him and told him about his pain. The old doc said son what you been taking for it and he told the doctor whisky and aspirin and the doc looked at him over his specs and said son you cut out that aspirin. It cured the man.

Back in 1940 I went to Mayos which is in Minn. and by the time they got thru I was there about 1½ months. I got to know the place. About four yrs later a man who was a Co. Judge go to ailing and he ast me to go up there with him since I knowed the place. I did and when I got there I registered my name and put the initials of my collitch frat after it and I told the judge that whenever he addressed me to call me doctor and I would get him thru that place in nothing flat. I told him not to do this in front of another doctor but in front of the nurses, clerks,

technicals and hired help. It took me five days to go thru with the tests up there but I got him thru in 1½ days by breaking ever rule they had in that place.

The day after he got thru was a Sunday and I decided to go to church which they had at 9:30 a.m. I put on a white linen suit and diked up otherwise and stopped at the clerks desk with my key and he said good morning doctor. I turned to go out and I run right into a woman about the size of a one ton truck and I couldnt get by her and she said are you a doctor so I looked at her and said yes mam I am a doctor in my line. I had to do some quick thinking. She said my husband is in distress and he is on the fourth floor would you mind seeing him the house Dr. is away. She had me blocked off so I took a step backward and I said beg pardon mam but I am a horse doctor.

I made a end run around her and if Red Grange had been in the way he would of been knocked for a row of techdowns the way I was going. I went on back after church and as I turned in my key that there hotel clerk grinned at me like a chess cat but he never said nothing. I was glad to get out of that there place that night.

YOUR'N,

B. Ubberson.

Agricultural Workers To Meet

Texas Agricultural Workers' Association has announced plans for the annual meeting, Dec. 9-10, at the Texas Hotel in Fort Worth. Jess Ward is chairman of the local arrangements committee and Doc Ruhmann is publicity chairman.

J. W. Autry, Tarleton State College, is president of the organization of professional agricultural workers; and Garlon A. Harper, National Cottonseed Products Association, is vice-president. Dr. R. E. Patterson, Texas Experiment Station, is secretary; and Bill McReynolds, Station WOAI, is treasurer.

International Margarine Group Lists Objectives

The International Federation of Margarine Associations, established in April, has announced the following objectives:

(1) The study and solution of problems arising in the margarine industry; (2) the exchange of information and pooling of research efforts and results; and (3) the stimulation of international relations with government and international organizations.

The secretary of the organization states that the federation will not fix prices, set standards, or engage in restrictive trade practices.

Mill Entertains Group

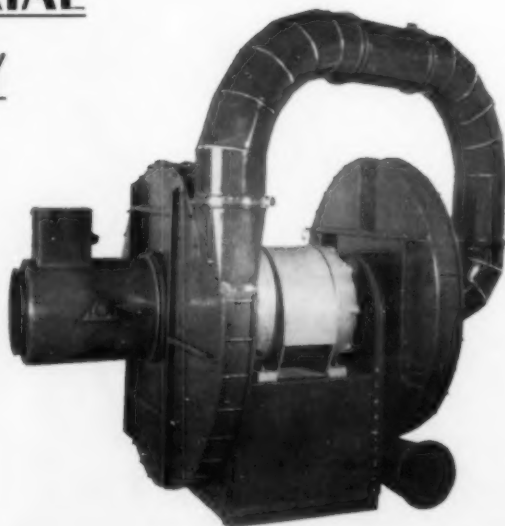
Plains Cooperative Oil Mill, Lubbock, was host recently at a luncheon for those attending the Swine Short Course at Texas Technological College.

PHELPS HIGH PRESSURE FANS and AUTOMATIC CONTROL VALVES Convey MORE MATERIAL MORE ECONOMICALLY

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Plains Cotton Growers Will Meet Aug. 29

Plains Cotton Growers will hold their annual meeting Aug. 29 in the Lubbock Municipal Auditorium.

Directors, at a recent meeting in Lamesa, Texas, set the date for the annual meeting. They also voted to support cotton legislation that most nearly conforms to the American Cotton Producer Associates' bill, known as the compensatory payment bill.

Directors also approved a by-laws change so that producer members only would elect producer directors in each county and businessmen only would elect the businessman director in each county. Previously farmers and businessmen could vote for each other.

Other PCG business consisted of reports on membership, education and promotion, bracero committee report, research projects, including the pilot spinning plant at Texas Tech, the High Plains Field Station at Halfway, and the fertilization program at the Lubbock Experiment Station.

Defoliation Guide

California's 1958 cotton defoliation recommendations have been published in University of California Leaflet No. 64.

Meat Institute To Meet

"Changing Patterns in the Meat Industry" will be the theme for American Meat Institute annual meeting Sept. 26-30 at the Palmer House in Chicago.

• Chemicals Meeting Speakers Listed

PROGRAM for the National Agricultural Chemicals Association silver anniversary meeting has been announced. The group will be at the Bon Air Hotel, Augusta, Ga., Oct. 29-31.

A feature of the meeting will be an address by Senator Herman E. Talmadge of Georgia, who will speak on agricultural progress as related to the pesticide industry.

The program includes panel discussions on the subjects of public relations and the expansion of future markets; also talks by NAC President Jackson V. Vernon, vice-president of Food Machinery and Chemical Corp.; John Gillis, vice-president of Monsanto Chemical Co.; and Frank Washburn, general manager of the agricultural division of American Cyanamid Co.

■ ROY FORKNER, ginning leader who is immediate past president of Texas Cotton Ginners' Association, has been elected a director of Plains National Bank, Lubbock.

Cotton in The Southeast

(Continued from Page 13)

The family place, under provisions of her will, had to be sold. The buyer was not interested in cotton production. There is no way under present law that this man can consolidate the acreage he has worked for several years into one plant-

ing on his farm. He wants to grow cotton. He is not trained for industrial work; nor could he expect much of a chance at his age under any conditions. So much for death's dislocation of cotton.

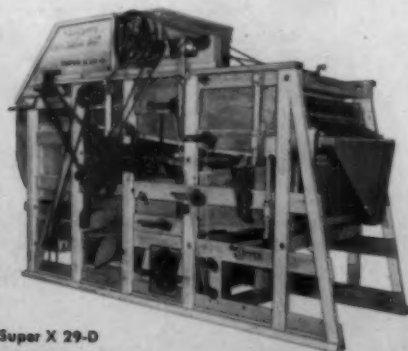
What about the opportunity for youth? It is practically nonexistent. A county ASC committee is allowed to retain 15 percent of acres for adjustments, hardship cases and new-grower allotments. But, a new grower, should he purchase a farm with as much as an acre of cotton allotted to it, cannot qualify for additional acreage. If there is none, he has the privilege of applying for a new-grower allotment, but can expect to receive the barest minimum. Practically, the incentive for a young man to get into cotton production is non-existent. His only chance is through inheritance.

Let me say very quickly at this point that the basic principles of our allotment laws as passed in 1938 are good for our section, and must be preserved. It is modification in light of 20 years of change, which is needed.

It is of tremendous importance to the survival of cotton in the Southeast that its farm organizations and its cotton interests close ranks and work toward a modification of present laws which govern cotton acreage distribution within the boundaries of each state. These laws should be flexible enough to adjust the pattern of production to human changes and shifts in the economic pattern of communities within that state.

Let me point out one other important legislative adjustment for this section. We have put it this way in our state:

(Continued on Page 20)



Super X 29-D
Precision Cleaner



Super 2248-BDS
High Capacity Cleaner

Ginners . . . Oil Mill Processors

Clippers come in more than a hundred models and sizes in both precision and high capacity screen and air cleaners. Any of these machines are available in either all-steel or wood construction tailored to your liking.

A. T. Ferrell and Company refrains from braggadocio. We know full well that the continuous acceptance over more than ¾ of a century by the seed, grain and the cotton seed industries is ample proof that Clippers do the job. This also reflects customer satisfaction as regards "service after the sale".

We also build bucket elevators, Clipper-Randolph Driers, oscillating conveyors, cyclones and many other machines used in processing, drying and handling of grains, beans and granular materials. Our company is the international agent for Halzinger Lift Master Pneumatic Conveyors.

Please call on us to help solve your specialized cleaning and handling problems—there's absolutely no obligation.

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• Japanese Wash More And U.S. Profits

TALLOW PRODUCERS of the U.S.—cattlemen of the West—are profiting because the Japanese are using twice as much soap as they did six years ago.

Ninety-five percent of the tallow for Japan's soap comes from the U.S. Consuming 100,000 tons yearly or more, Japan ranks second to Italy as a tallow market for this nation, USDA reports.

"Part of the credit for this increased use of soap," says a recent issue of USDA's Foreign Agriculture, "goes to the promotional work in Japan by the U.S. Foreign Agricultural Service, the U.S. National Renderers' Association and All Japan Soap Association."

U.S. tallow is preferred in Japan be-

cause of price, quality grading and familiarity of users in Japan with its characteristics.

The Japanese currently are using 8.31 pounds of soap per person yearly, against 3.98 pounds in 1951. Greater emphasis on sanitation and improved economic conditions account for the increase.

Agronomists To Meet

American Society of Agronomy has announced the program for its annual meeting, Aug. 4-8, at Purdue University, Lafayette, Ind.

Soil Science Society of America and the Agronomic Education Division will hold concurrent meetings.

More Acres Planted

California Counties May Set Cotton Records

California counties may set new highs in cotton production in 1958. Crops show excellent prospects at mid-season and plantings have been increased over last year in some of the principal cotton counties, where yields averaged two bales per acre or higher last year.

The following table shows leading California counties, 1958 acreage planted and 1957 acreage, yield and production:

	1957 Crop				
	1958 Count Planted	Acres Planted	Acres Har- vested	Lint Yield per Acre	Produc- tion Bales (500 Lb. Gr. Wt.)
	Acres	Acres	Lbs.	Bales	
Fresno	188,000	178,000	173,000	1107	400,000
Kern	186,000	183,000	179,903	1213	456,000
Kings	91,000	95,000	92,500	923	178,500
Madera	43,000	40,700	39,900	758	63,000
Merced	26,500	25,700	25,000	874	45,600
Tulare	146,000	140,500	137,600	905	260,000
Imperial	48,000	43,850	42,800	1036	92,600
Riverside	20,500	20,550	19,720	987	40,530
Other*	1,000	700	580	653	770
State	750,000	728,000	711,000	1035	1,537,000

*Includes San Benito, Los Angeles, San Bernardino, San Diego, Stanislaus.

Mill Margins Decline

Unfinished cotton goods prices hit a 12-year low last month, USDA reports. Accompanied by a rise in raw cotton cost, this drop brought mill margins to a six-year low.

Maid Contest Planned

Plans for the Texas Plains Maid of Cotton Contest were made at a meeting July 15. Dixon White, Lubbock Oil Mill, general chairman, presided. The contest is scheduled Oct. 20-21.



Conference Host

C. B. RAY, executive officer for the Valley Farm Bureau, Mercedes, Texas, is busy with plans for the 1958 Cotton Mechanization Conference in the Valley Aug. 12-14. The Bureau is joining the Council and other groups in sponsoring the Conference (see story on Page 7).



"TYPE N"

liquid wetting agent

This is the new and improved "Type N" MOYST® liquid wetting agent. It is low-foaming, practically colorless, and thin enough to pour and dissolve readily. "Type N" MOYST® is a non-ionic compound and is only slightly affected by the pH and mineral content of the water used. Most economical.

Use 1/4 of 1% or one quart to 100 gallons of water

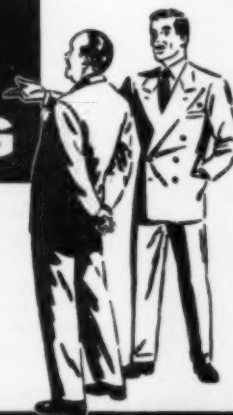
"Type N" MOYST® solution is recommended for use with STATIFER® moisture restoration equipment in gins. For mechanical cotton pickers, it helps keep the spindles clean, improves picking performance and reduces water consumption. In pressurized water fire extinguishers and fire barrels, "Type N" MOYST® quickly penetrates and extinguishes cotton bale fires.



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By using MOYST® with STATIFER® units in gins, you are sure of a fast penetrating solution which assures even distribution of moisture in the bale. Costs less than 2 cents per bale.

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Cotton's versatility makes it equally adaptable to sheer, dainty fabrics for feminine fashions or smart, sturdy men's wear. And the new cottons are so easy to care for that they're a joy to own.

Indoors or out, at work or play, cotton is part of the fashion picture, because it looks smart, washes easily, wears well, is cool, comfortable and economical.

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Father's shirt
 Father's wash 'n wear suit
 Boy's suit
 Children's sox

Mother's dress
 Gloves
 Flower ornament
 Hand-bag
 Girl's dress



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Cotton in The Southeast

(Continued from Page 17)

"That in 1959, and thereafter, individual farm allotments be determined by applying to the prior year allotment the same percentage of increase or decrease as the national quota." This would stabilize cotton acreage allocated to a state, and would prevent loss of acreage from any state due to underplanting.

The Southeast is the area of numerous allocations. Alabama has 117,726; Georgia, 85,203; North Carolina, 87,110; and South Carolina, 72,787. Underplant by only one acre per farm, and 362,826 acres will disappear! There have been temporary stopgap measures. One exists through 1959, but there is no basic safeguard into the future. We need to be alert, sharply and right soon, in this matter.

Much more needs to be said about cotton legislation. There isn't time to say more. What has been said is imperative in importance. It adds up to this—We must and we can modify existing laws governing cotton production to hold our acreage and let it find its way into the hands of interested growers.

• 5. Research needs are in focus.

There is a series of lectures which could be made on research. Early grass can be controlled by chemicals, but what of late season grass control? The answer needs to be found to gossypol. Plant breeding for improved characteristics is needed. But I am going to talk about a bug!

Crop damage from the boll weevil is the most serious economic problem and

discouraging reality facing cotton producers in the Southeast.

It is almost unbelievable what damage this bug causes. Between 1940 and 1954, it destroyed, in the Cotton Belt, an estimated 13,764,706 bales of cotton and 5,802,532 tons of seed worth an estimated \$2,257,147,000. In the same period, in Alabama, Georgia, North Carolina and South Carolina, it ate up cotton lint and seed worth \$862,000,000.

These figures were presented by R. R. Coker before the Senate's Committee on Agriculture and Forestry for the National Cotton Council in an effort to obtain additional appropriation above the meager \$152,130 in the USDA budget for research on boll weevil control. An additional \$100,000 has been appropriated. A million dollars is needed.

North Carolina is not sitting still waiting on this million dollars. We believe our State College agricultural engineering section has come up with a very promising device which will be of value in weevil control.

On May 9 there was a meeting of the Research Development Committee of our Cotton Promotion Association and the agricultural research and education forces of the school of agriculture. Research programs on cotton in general were reviewed. Part of this included demonstration of a method for deposition of particles of insecticide on cotton plants through electrostatic charge.

With a working model, it was shown that a high voltage charge given these particles creates a force of attraction resulting in total coverage of the grounded object, or growing plant. The velocity of the particles cause them to strike the

plant with force. The attraction increases the volume of dust which reaches the plant.

Following this demonstration on May 9, the John Blue Co. of Huntsville, Ala., became interested. Their chief engineer, Douglas Johnston, was in Raleigh on Friday, June 13, to witness a demonstration of the working model developed by Dr. H. D. Bowen and Dr. W. E. Splinter, of the College staff, and confer with those who have had a part in its development over the past several years. He left, deeply impressed, and every indication points to the development of an experimental field duster by the John Blue Co. for use in the very important research phase of field tests.

Impressive things about this approach to weevil control are: total coverage of the plant by force of attraction of the charged particles; the ability to use finer particles, screened to 1.1 microns, which added greatly to effectiveness of the poison; more effective results with about one-third the amount of insecticide; and the belief of the agricultural engineers at Raleigh that a farmer's cost of tooling up for this method of application would be less than \$100.

Research of benefit and importance to cotton production in the Southeast is in focus. Forces able to get results are in motion.

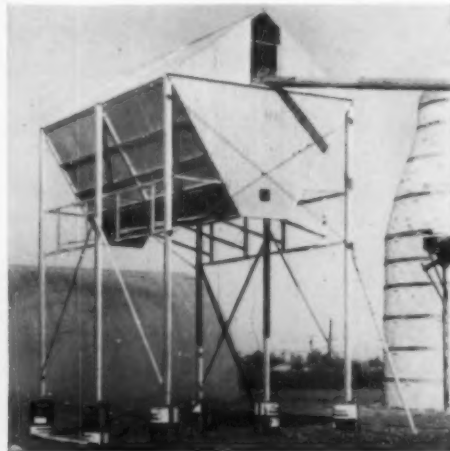
• 6. The market is here for all the cotton lint and seed we can raise.

There is a strong push in some of our Southeastern States to attract industries into our section. This is quite all right. But, in every state in this area cotton is a major industry, any way one looks

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at it. The fields produce the raw industrial material for processing and manufacturing plants of lint and seed products. It is high time for an awakening to cotton's dynamic importance in this area.

Approximately 80 percent of the spindles utilizing cotton fibers are in the Southeast. In North Carolina mills alone, more than two million bales are used annually.

The expansion of livestock industries in these states has been based, to a great extent, on the available supply of cottonseed meal for feeding purposes. In fact, one county agent of this area recently said it would be a staggering blow to the expansion of the livestock industry if cottonseed products were not available.

Let's look at this market for Southeastern cotton another way. The volume market is here, we know. It is the quality market which makes the future promising. We can grow quality cotton.

The trend of the past several years has been toward demand for more cotton of good quality. The factors behind this will strengthen the trend. Cotton has been losing heavily in industrial markets, especially cotton bags and cotton tire cord. These markets used low grade cotton. The impressive gains in cotton's products have been in wearing apparel and household products. These require better quality cotton. Our Southeastern soils and climate will produce the cotton which will be in increasing demand, both in the U.S. and in foreign markets.

With the prime users of cotton fiber right in our states, and with our ability to grow more cotton and better cotton, I am unable to muster a gloomy view of cotton's future in this section, regardless of sectional or synthetic competition.

• 7. The incentive is gathering momentum for cotton to recover its rightful and needed place in agriculture in the Southeast.

This momentum is coming from the dilemma of agricultural forces who are hard pressed to recommend to farmers a use for their land in place of cotton. There are crops and agricultural products which are new to this section, but each one widens the "farm neighborhood competition" with other sections of the country, threatening further surpluses and market breaks.

Poultry has had a phenomenal production increase. In 1950, about 300,000,000 broilers were produced in the U.S.; in 1957, approximately 1,500,000,000. This is good, if there is need for that many more birds. But at that rate of increase we will, in another seven years, be producing 7,500,000,000 broilers!

Soybeans, corn, hogs, beef cattle, small grains are all indigenous to our agricultural areas of America. Expansion in production of these in the Southeast is not based on national need, but upon desperation to find uses for our land. In this direction, our folks are escaping the competition cotton has from Western producers and from synthetics, but they are not escaping from the stern fact of competition.

Nor will the trend toward industrial development be the way out for the Southeast. Closing factories, with accompanying dislocation of people, are serious problems, making it obvious that

industrial campaigns, however well promoted, will not make prosperity automatic.

This stern, cold fact is coming home to more and more people in our section. No matter how far we get away from cotton, we cannot run away from the realities of surpluses and competitive products, and it will be easier to meet competition from other cotton-growing sections, and man-made fibers, with a crop which is native to our land, our climate, and our people.

In conclusion, let me name again the seven foundation stones upon which cotton's future in the Southeast rests: Crisis, good land, people, modified laws, research, markets at hand, incentive.

Fear is the greatest single deterrent to realization of this future. This fear is

a two-headed monster among us. There is fear of synthetic fibers. Let us keep in mind that makers of these have problems. They have the problem of static electricity, both in the spinning process and in the finished product. They have quality defects which seem incapable of solution. They are wrestling with mounting costs of wood pulp.

There is fear of western producers. They have problems. Water is a tremendous one, both as to cost per acre, availability, and competition for it. They are \$12 a bale freight cost distance from the cotton mills of the Southeast. They have extremely high land costs.

Conquer fear, and build together on the foundations which promise a future in our section, and cotton cannot be beaten in the Southeast!

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FEATURES

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8. Relubricatable

Fafnir now offers ball bearings and ball bearing units designed expressly for applications where slow-to-moderate shaft speeds and exposure to excessive lint, dust, dirt, or moisture combine to shorten bearing life.

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Both relubricatable and non-relubricatable types are available . . . dimensionally interchangeable with other Fafnir Sealed Ball Bearings. Write for descriptive bulletin. The Fafnir Bearing Company, New Britain, Conn.

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Oil Mill Equipment for Sale

FOR SALE—New V. D. Anderson Expeller parts. New Fairbanks-Morse 16' x 12', 80,000 lbs., suspension bearing pipe lever hopper scale. Oil refining equipment, oil screening tank, Vogt oil chiller, 42", 36", and 30" filter presses, York ammonia compressors, Carter gyrator screen, scale tanks, complete with Toledo scales, Richardson scales, meal coolers, Roots-Connorsville and Hoffman blowers, bucket elevator legs, pumps, and motors. Contact Lee Atherton of Archer-Daniels-Midland Co., Minneapolis, Minnesota.

FOR SALE Filter presses, screening tanks, single and twin motor Anderson Super Duo expellers, 141-saw lifters, baling presses, car unloader. Bauer #199 seed cleaners, Bauer #153 and 403 separating units, bar and disc hullers, 72" and 85" stack cookers, 72" 4-hi stack cookers for French expellers with enclosed drive, 42" and 60" rolls, boilers, hydraulic press room equipment.—V. A. Lessor & Co., P. O. Box 108, Fort Worth, Texas.

FOR SALE—Anderson Super Duo expellers. Filter presses. D-K 90° 5-high all-steel cooker: 5 French 5-high 72" expeller cookers. Bauer 199-60° seed cleaner. Bauer 153 separating unit. Butters milling machine. Carver 176-saw Tru-line gummer. Carver double-drum hull beater. 141-saw Carver linters. Double-box lintar press. Bar hullers. Attrition mills. 20° to 80° fans. Motors: 75 h.p. and under. Starting boxes and switches.—Sproules & Cook Machinery Co., 159 Howell St., Dallas, Texas. Telephone RI-7-9968.

OIL MILL EQUIPMENT FOR SALE — Rebuilt twin motor Anderson high speed expellers, French screw presses, stack cookers, meal coolers, fourteen inch conditioners, filter presses, oil screening tanks, complete modern preprocessing or single press expeller mills.—Pittock & Associates, Glen Riddle, Pennsylvania.

FOR SALE-French vegetable oil earth extraction unit, 20 ton capacity complete with still, filter presses, pumps, heat exchangers, condensers, evaporators, tanks, motors, and electrical starting equipment. Purchased new and installed in 1949. Good condition. Contact Lee Atherton, Archer-Daniels-Midland Co., Minneapolis 2, Minn.

INSPECTIONS and appraisal. Dismantle and installation.—Oscar V. Shultz, Industrial Engineering, Phone BUTler 9-2172, P. O. Box 357, Grapevine, Texas.

FOR SALE—141 saw Carver wood front eccentric adjustment ball bearing linters, Fort Worth brushless units, permanent magnets, Continental feeders. Giveaway Price. Worth having just for parts. Also 3 saw carts. Butters milling machine, Continental single box press and pump, 5-hp 48" Smith & Vaile rolls, bar huller, disc huller. Draver feeders, Scalping shaker, sand and boll reel, seed sampling shaker, square hull packer, 2200-volt electric motors, steel split pulleys.—Central Oil & Milling Company, Clayton, N.C.

FOR SALE—Sutorbilt blower, size 14 x 37, with 50 h.p., 220-440 volt motor and drive, almost new. Also Fort Worth portable pneumatic seed unloader with 125 h.p. Le Roi engine. Write Producers Cooperative Oil Mill, P. O. Box 1886, Oklahoma City, Oklahoma.

FOR SALE—All-steel vertical oil storage tanks. 16—11'0" O.D. x 21'0" high. 8—20'0" O.D. x 20'0" high. 2—35'0" O.D. x 47'3" high. Including manholes, ladders and walkway. All welded. Also 1-100 h.p. and 1-80 h.p. Erie City boilers and 1-60 h.p. Cleaver-Brooks boiler. All 150 lbs pressure and complete with natural gas burners and auxiliary equipment. Cleaver-Brooks boiler purchased new in 1954. All other items purchased new in 1949. Used only short time. Contact Lee Atherton, Archer-Daniels-Midland Co., Minneapolis, Minn.

Gin Equipment for Sale

FOR SALE—Complete gin plants. Second hand and reconditioned gin machinery.—Sam Clements, Phone REgent 5-3764, West Memphis, Arkansas.

FOR SALE—One #18 Big Reel drier, late type, and 4-66" Super Chief Mitchell feeders.—Box FA, The Cotton Gin and Oil Mill Press, P. O. Box 7985, Dallas 26, Texas.

FOR SALE—Continental 72" condenser, complete with dust flue and transition; 1 Model 500, 2M BTU Continental oil fired heater. These items are in good condition. Priced to sell. Write or call Fred C. Evans, Mgr., Bryant's Gin Co., Bartow, Ga.

ROLLER GINS — 2-1957 Hardwicke-Etter 40" roller gins, complete with power, droppers, feeders. Have ginned less than 200 bales each. Make offer first letter.—Valley Gin Company, P. O. Box 548, Peoria, Arizona.

FOR SALE—5-1953 model 66' Hardwicke-Etter cleaner-feeders. 1 complete lint flue in perfect condition.—Earth Co-operative Gins, Inc., Jess O. Goode, Manager, P. O. Box 377, Earth, Texas.

FOR SALE—Lint cleaners: One Lummus 1957 combor, 5-80 1951 Murray saw type complete, 4-90 Lummus Jets complete with Hartzell fans and 30 h.p. motor. Gins: 4-80 Continental F3 brush, 5-80 Continental F3 AB, 5-90 Gullett, 5-80 Model C brush with good saws and ribs and metal brushes, 4-80 Continental Model C brush with 30 fronts, 3-80 Model C brush, 12-60 glass fronted brush, 4-80 Continental Model E brush, 1-80 saw lint flue, 4-80 Continental Model E brush, 1-80, 1949 Lummus. Huller cleaner feeders: 5-80 Continental 4X with hot air ducts for drying and grinding bars under cleaners, 5-80 Hardwicke-Etter with 4-

1-52" Lummus LE-F 1-80 Lummus MFF Cleaners:
1-52" 8-cylinder V-drive Stacy, 1-72" 6-cylinder
Murray blow-in type, 1-8" wide, 6-cylinder Lum-
muss, 1-52" 4-cylinder Continental, one 7-cylinder
50" V-drive blow-in type Hardwicke-Etter, one
7-cylinder 52" flat belt blow-in type Murray,
one 5-cylinder 52" V-drive blow-in type Murray.
One 4-cylinder Miller-Jumbo Oriole, one 14-
shelf Tower, 3 Murray Big Reels, one 16-section and
one 12-section Lummus Thermo-cleaner. Separators:
one 1-72" Murray, 1-52" Continental, 1-52"
Gullett, 1-72" Lummus. Bur machines: 2-10"
Wichitas with 3-cylinder aftercleaners, 1-10"
Continental with long overlow conveyor and steel
aftercleaners, 1-10" Hardwicke-Etters, 1-10" steel
platform, 1-14" all-steel V-drive Lummus, 1-10"
all-steel Lummus with 5-cylinder built-in after-
cleaner, 1-14" Stacy. Condensers: 2-72" 5-discharge
Hardwicke-Etters, 1-72" 5-discharge Continental.
Burners: Two Hardwicke-Etters, one Murray, one
Mitchell. Rotor lifts: Two Hardwicke-Etters,
one conveyor driven by a 5-hp motor. Treaters:
One Continental steel bound up-packing. One
Murray all-steel down-packing. One all-steel
Hardwicke-Etter single box. Pumps: One each
Murray, Continental, Lummus, Cen-Tennial and
Alamo. Seed scales: One set Hardwicke-Etter
one set Lummus, 6-cylinders; OM V-M Le Roi, two
sets; S.M., 6-cylinder; Murray, 8-cylinder.
Buds: Electric motors and fans in various sizes.
Bill Smith, Box 694, Phones OR-4-9626 and
OR-4-7847, Abilene, Texas.

FOR SALE—One 14' Lummus steel Great Western bur machine with practically new saws and brushes, still installed in gin plant at Bellville, Texas, \$1,200. Call or write Mr. Jim Krumnow, Otto, Texas. Telephone 91-F-3, Riesel, Texas.

FOR SALE—Gin located 7 miles from Lubbock 5 acres land, 5-room dwelling, 30' x 132' steel building, steel seedhouse, 45' truck scales and office. Electric power, natural gas and water. No machinery. Price \$20,000.—H. C. Barton 3516 44th St., Lubbock, Texas. Phone SWift 9-4648

SPECIAL PERGAINS—Bur machines: one right-hand and one left-hand 14" steel Hardwicke-Etters, one 14" Murray, one practically new 14" Continental, two 14" and 10" Lummus. Steel cleaners—4- and 6-cylinder Continental inclines, 5- and 6-cylinder Hardwicke-Etters, 6- and 12-cylinder Stacy, 4-cylinder 8" and 12-unit Lummus Thermo-Mixer, Hardwicke-Etters and Murray air lines. Continental and Murray joint cleaners, 48" Lummus, 50" Gullett and 52" Stacy. Steel separators—4-80 saw late model Murray glass front gins. Mitchell convertible and super units in 60" and 66" lengths. 4-80 and 4-90 Mitchell and six-stand Lummus conveyor distributors. Lummus and Continental press pumps, 12", 16" and 17", 9" screw elevators. New Government type tower driers. New vacuum fans, auger, conveyor trough and a general line of transmission machinery. Electric and gas power units. One 5-90 Murray gin plant, less buildings, will sell all or any part. One late model steel bound double box up-packing press with ram and casing, trampler and press pump, \$1,000. For your largest, oldest and most reliable source of used and reconditioned machinery, contact us regarding any machinery, complete or in parts, which you have for sale or trade.—R. B. Strickland & Co., Hackberry St., Phone: Day or Night: PL-2-8141 Waco, Texas.

FOR SALE—Located at Bradley, Arkansas, one good Continental 10' bur machine with overflow conveyor and steel supports, \$1,600.—Bill Smith, Box 694, Phones OR-4-9626 and OR-4-7847, Abilene, Texas.

SPECIAL BARGAINS to make room for machinery coming in: 5-67" Master double X feeders, \$200 each. 4 large Hardwicke-Etter feeders, reworked and painted, \$300 each. 4 Lummus double painting automatic gin stands, reworked and painted, \$300 each. One 5-stand distributor with change bale hopper, \$600. 1-50", 7-cylinder Hardwicke-Etter cleaner, \$500. Many other items at bargain prices.—Kimbell Used Gin Machinery Company, P. O. Box 456, Earth, Texas.

FOR SALE—One complete Murray gin. Perfect condition. Will sell to be moved or to be run. Due to manager's health, must sell immediately. \$8,000 for complete gin and buildings. Located 25 miles east of Dallas, Farm Road 7. Write or call Vernon Schrader, CHurchill 5-3304 or CHurchill 5-3347, Rowlett, Texas.

FOR SALE—One 4-80 Continental gin complete with Mitchell feeders, hot air in Mitchells with 2M natural gas burner. All-steel up-packing press, 120 h.p. full diesel Fairbanks-Morse engine, in perfect condition, with 11,000-gal. fuel tank, 2 air tanks with electric motor on compressor. All belted up, ready to run. Price \$10,500.—Phone 3241, Senatobia Gin & Ice Co., Senatobia, Miss.

TWO MODERN gins for sale, machinery only, to be moved, both equipped with drier and lint cleaners, priced very reasonably. Also several extra pieces of modern machinery such as droppers, condensers, packers. Contact Jim Hall, P. O. Box 751, Phone Riverside 1-1393, Dallas, Texas.

FOR SALE—Soil Bank Special—1-88' x 30' x 24' steel building and bolted sections, I-beam trusses, suction shed on one side and one end. 1-100 h.p., 2300 volts, 700 RPM, electric motor. 1-30 h.p., 2300 volts, 1165 RPM, both with all necessary wire and starters. 1-2M BTU McConnel oil fired heater. All to be moved.—G. D. Varn, Ehrhardt, South Carolina.

FOR SALE—Heavy duty Gullett steel press, like new. Complete with pump, tramper, condenser, etc., and brand new extra ram.—Paul Falkenstein, P. O. Box 1502, Phone FAirview 5-7419, Bakersfield California.

FOR SALE—1-100 h.p. electric motor with switch in good condition, 5-80s 12" Lummus automatic gins, 5 big drum cleaning feeders, 1 Hardwicke-Etter seed scale, belting up to 18" x 6 ply R.E., practically new. Shafting in various sizes, bearings, pulleys, etc. For further details write Kollaja Gin Company, Ganado, Texas. Phone 3185, Joe Kollaja, Ganado, Texas.

FOR SALE—1-72" downdraft all-steel Murray condenser, \$600. 1-60" downdraft Gullett steel condenser, \$300.—Spencer's Cotton Gin Sales & Service, 5 miles north Highway 81, Box 204, Georgetown, Texas.

FOR SALE: Stands: 4-80 saw F-3 Continental brush grinders with new brushes, fronta complete reconditioned and painted. 4 late model 80-saw Murray with new ribs, reworked, painted. 4-80 saws, 2 new, 2 reworked. 1 Super Lummus, good condition, painted. Feeders: 4-60" Mitchell, hardened saws, steel brushes, looks like new. 5-67" Continental Master double X. 4-66" large Hardwicke Etter with 4-cylinder after-cleaners, painted, look like new. Separators: 1-50" Hardwicke Eter with 4-cylinder after-cleaners, painted, screen, 2-72" Lummus. Presses: 1 all-steel, right-hand, up-packing Cen-Tennial, like new. Trampers: 1-27 pin E-J, good condition and painted. Cleaners: 1-72" Continental horizontal Lummus. 1-72" Continental horizontal, inclines in good condition. One 4-cylinder Mitchell, 1-60" Oliver. 1 Continental 2-trough, 1 Murray Big Reel. Press Pump: 1 Continental vertical with cover. Fans: 1-45" Murray. Blast Wheels: Hard surfaced or plain, all makes and sizes. Distributors: 1 Continental, 1-60" Mitchell, 1-60" Oliver, 1-60" Oliver. —Kimbell Used Gin Machinery Co., Phone 3372 and 3351, Earth, Texas.

Equipment Wanted

WANTED—1-20' or longer, 9" rotary lift, Southwestern preferred.—Spencer's Cotton Gin Sales & Service, 5 miles north Highway 81, Box 204, Georgetown, Texas.

WANTED TO BUY—1 Continental 106- or 141-saw delinter in good condition.—P. R. Smith, Smith Seed & Gin Co., Winder, Georgia.

WANTED TO BUY—Truck scales 20', or longer, any make.—Texas Waste Materials, Box 5267, Corpus Christi, Texas.

WANTED—Elevator steel buckets, sizes 14" x 7½" or 7"; 9" x 6", 5½" or 5"; 8" x 6", 5½" or 5"; rubber belting 30", 10", 9" or 8½"; complete elevator gearhead motors, gravity separator, entoleter, belt conveyor 24" to 30" with idlers and rollers. Phone WO-5-2303, R. G. Gurley, Selma, North Carolina.

WANTED—Complete gin plants and used gin machinery.—Sam Clements, West Memphis, Ark.

Personnel Ads

NEED year-round ginner, must be sober, not over 30 years old. Have new house close to gin.—E. J. Sefcik, Box 417, Tulla, Texas.

WANTED—Solvent extraction plant operators. Year-round operations. Contact R. G. Gurley, Phone WOODLAWN 5-2363, Selma, N.C.

WANTED—Gin plant superintendent. Two Continental plants. Good opportunity and salary for right man. Sober. Year-round job. Give experience and qualifications first letter.—Box 88, The Cotton Gin and Oil Mill Press, P. O. Box 7985, Dallas 26, Texas.

Power Units and Miscellaneous

FOR THE LARGEST STOCK of good, clean used gas or diesel engines in Texas, always see Stewart & Stevenson Services first. Contact your nearest branch.

SEE US for good used re-built engines, MM parts, belt lace, and Seal-Skin belt dressing.—Fort Worth Machinery Company, (Rear) 913 East Berry Street, Fort Worth, Texas.

FOR SALE—(1) 150 HP New GE Slipring Motor, 3/60/440/720 RPM, Type M, Ball Bearing, Open Dripproof, \$3,875.00 Net.
(2) 200 HP New Master, Slipring Motor, 3/60/440/900 RPM, Ball Bearing, Open Dripproof, \$5,130.00. — W. M. SMITH ELECTRIC CO., 3200 Grand Ave., Dallas, Texas.

FOR SALE—One Le Roi L3000-RXISV 12-cylinder 300-350 h.p. Cotton gin equipped, guaranteed in operating condition. Priced low to move. One General Motors diesel twin-6-cylinder, cotton gin equipped, guaranteed in operating condition—300 h.p. @ 1800 RPM. Priced low to move. One Minneapolis-Moline Twin 6 Model 1210-12A, cotton gin equipped, guaranteed in operating condition—200 h.p. Priced low to move.—W. M. Smith Electric Company, Hamilton 8-4606, 3200 Grand Avenue, Dallas Texas.

Gilreath Succeeds Martin

Roy W. Gilreath has been appointed in charge of the USDA Cotton Classing Office in Dallas. He succeeds Sam W. Martin who is retiring after more than 34 years with USDA. Gilreath has been in charge of the USDA office at Lamesa, Texas, during the past year; and before that was at Harlingen, Corpus Christi and Lubbock.

Soybean Outlook Good

Soybean prospects in the Mississippi Delta are excellent, Dalton E. Gandy, field representative, National Cottonseed Products Association Division of Research and Education, reports. Gandy recently visited with oil mill and research leaders in the Delta.

Export Sales Start

July 23 was the starting date for release of cotton under the 1958-59 USDA export sales program.

North Carolina Ginner Dies

Sidney G. Thomas, Broadway, N.C., ginner, died recently. He was a director of Carolinas Ginners' Association.

■ JOHN H. TODD, executive vice-president, National Cotton Compress and Cotton Warehouse Association, has been appointed chairman of the McKellar Lake Water Safety Committee at Memphis.

Oil Use Discussed

"Utilization of Domestic Vegetable Oils," is the title of a paper being distributed by the West Coast Oilseeds Development Committee. Willard C. Lighter, executive vice-president, The Glidden Co., Cleveland, is the author.

Seed Distributors To Meet

Arizona Cotton Planting Seed Distributors will hold their annual meeting Aug. 6 at the Cotton Research Center near Phoenix. Dr. Carl Feaster and Dr. Warner Fisher will report on a mill tour to study customers' cotton requirements.

Mills Discuss Seed Grading

Mills of South Louisiana held a meeting July 15 at Opelousas to discuss cottonseed grading. Dick Doughtie, USDA, Memphis, spoke.

Rayon Prices Hiked

Rayon yarn prices are being increased by leading producers, following a hike of two to five cents a pound on several grades announced by American Viscose Corp.

■ E. S. McSWEENEY, Arizona Cotton Growers' Association, urges ginners and producers to observe quarantine and sterilization regulations carefully because of a heavy new infestation of the pink bollworm around Buckeye in Maricopa County.

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Belton, South Carolina

as viewed from

The PRESS Box

• Enough for 14 States

ARIZONA grew enough cotton in 1957 to supply all of the needs of 14 Western States—or the population of Chicago, Los Angeles and New York. This is one of the facts in a new leaflet, "Arizona—The Land of Cotton," being distributed by Arizona Cotton Growers' Association.

Among other facts—the Arizona crop was worth more than \$153 million and 45,000 workers in cotton received \$30 million in wages.

• Let Gin Labs Gin

GINNING RESEARCH Laboratories of USDA have rendered outstanding service to the cotton industry. Working with ginners, ginner associations and gin machinery manufacturers, these research workers have put many dollars in the pockets of cotton growers. They have aided the marked improvement that has taken place at gins. Research can do far more if given an opportunity.

Unfortunately, funds available for research work at these laboratories—in the Southeast, Midsouth and Southwest—have been limited to an almost-crippling extent. Budgets may show totals not far below earlier years, but automatic increases in fixed costs have reduced the amount that can be spent for

research. And, it's research that's needed! Informed leaders of the ginning industry feel that someone, somewhere in the Department of Agriculture, has made a serious mistake by using elsewhere funds that are needed for ginning research.

The Cotton Gin and Oil Mill Press joins in strongly urging that funds be made available so the experienced, qualified men at the USDA Ginning Laboratories can continue the fine work they've done.

• Promoters Pleased

FRENCH AND JAPANESE promoters of cotton, who work with Cotton Council International, are pleased with the results they are getting. French corduroy makers report 1957 sales 25 percent above 1956. Japanese weavers of kasuri (a denim type of fabric) report gains of 10 to 40 percent in sales.

Both countries use campaigns similar to those of the National Cotton Council in this country.

• Exports, 75 Years Ago

COTTONSEED MEAL was exported to Germany in record quantities from Vicksburg, Miss., the Memphis Commercial Appeal recently pointed out. But, the item was from the column, "75

Years Ago." It said, on July 13, 1883: "The steamer E. W. Cole will leave this week with 14,000 sacks of cottonseed meal and 100 barrels of white ashes." (Made by burning cottonseed hulls, perhaps?) "This is the largest single shipment of cottonseed meal ever made and will go direct to Hamburg. A sailing vessel is now awaiting the load in New Orleans."

• Oil Content Studied

COTTON VARIETIES commonly grown in Oklahoma show significant differences in oil and protein content of seed, according to Norman Justus, Oklahoma Experiment Station researcher. Varieties showed consistent differences even though planted at different locations.

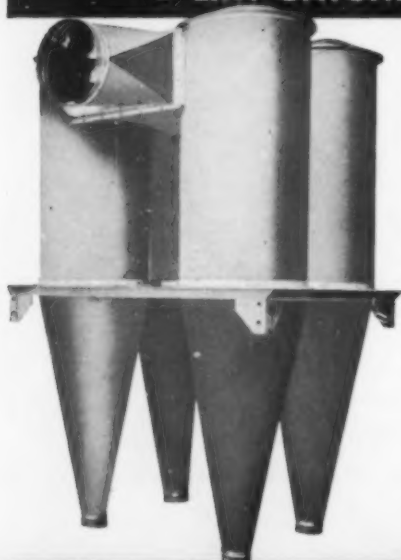
Dr. Robert Reed, also of Oklahoma, recently pointed out that nitrogen fertilizer increased total amount of oil produced per acre, although it lowers the percentage of oil. The percentage of protein gained slightly, but the pounds of protein per acre greatly increased, when nitrogen fertilizer was used. On potash deficient soils, potassium increased the percentage and total protein.

• Farmers Deserve Break, Too

FARMERS NEED A BREAK, TOO. Texas Farm and Ranch Safety Council says a "break" in morning and afternoon work hours is as important on the farm as in the office. They urge the farm worker to take 10 to 15 minutes off each morning and afternoon. These "breaks" help to prevent accidents and increase efficiency.

• HIGH EFFICIENCY CYCLONE DUST COLLECTORS

• LINT CATCHER FOR LINT CLEANER CONDENSER DISCHARGE



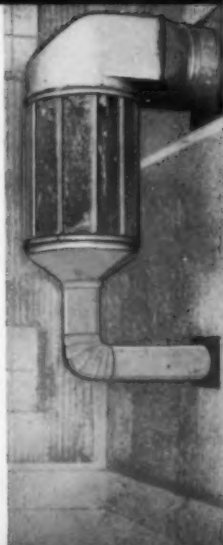
• HIGH EFFICIENCY CYCLONE DUST COLLECTORS

To help solve your problems concerning dust and other gin waste . . . install HIGH EFFICIENCY CYCLONE DUST COLLECTORS. Small diameter cyclones are MORE EFFICIENT than large cyclones. However, because of their low-capacity, multiple units consisting of 2 or 4 collectors must be installed in most cases. We highly endorse this collector.

• LINT CATCHER FOR LINT CLEANER CONDENSER DISCHARGE

With this effective LINT control you can sack the LINT for easy disposal or you can install it so that a fan can carry it into your disposal area.

This LINT CATCHER, like other items by Anderson-Bigham, is engineered to fit your problems.



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LUBBOCK, TEXAS

• **Louise Madden Will Retire July 31**



LOUISE MADDEN

LOUISE MADDEN, office secretary for the Southeastern Cottonseed Crushers' Association in Atlanta, is retiring July 31 after serving the cottonseed industry for 38 years. This is believed to be a record for a crushing industry association employee.

Miss Madden was born in Maysville, Ga., June 27, 1893. She joined the staff of Georgia Cottonseed Crushers' Association in June, 1920, when the late W. M. Hutchinson was elected secretary-treasurer of the organization. Prior to that, Miss Madden had attended Cox College, College Park, Miss., and had been secretary to the school's president. She was secretary to Hutchinson, a cotton products broker, when he accepted the position with the Georgia Association.

Having missed only one convention of the Georgia Association since 1935, Miss Madden has made many friends throughout the industry at these meetings and during her years of work. Georgia and Southeastern Associations have presented her with expressions of appreciation.

She is a member of the Druid Hills Baptist Church and has been a leader in Sunday School work. She lives with her sisters in Atlanta.

New Booklet

ACCIDENT PREVENTION HANDBOOK ISSUED

The National Safety Council has released the second edition of its "Handbook of Accident Prevention."

The handbook, according to the Council, is written for small businesses lacking full-time safety specialists. The handbook's style also makes it effective for use by key employees in small organizations.

"With the help of the handbook and the special agencies listed in it, any industrial operation can be made a safe operation, provided that management determines to make it so," the Council says.

Information on quantity prices may be obtained from the National Safety Council, 425 N. Michigan Ave., Chicago 11, Ill.

Ruling Increases Cotton Allotment at Prison

Texas Prison System has received 384 acres more cotton allotment through a ruling by a federal judge. The judge directed the ASC Committee to increase cotton allotments of prison farms in Brazoria County 10.88 percent.

Byron Frierson, in charge of agriculture for the Texas System, estimates the increase will be worth \$100,000 to taxpayers. Frierson said that when Brazoria County's cotton allotments were cut 180.5 acres this year, four prison farms were cut 465 acres. ASC committees refused to change the allotment, after which the Texas Attorney General appealed to federal courts.

Cotton was planted on the acreage, so

that the Prison System can profit from the decision.

(Frierson's record of efficient cotton production on prison farms has been the subject of a number of articles in The Press, and he was honored by Texas Cottonseed Crushers' Association at the 1958 convention.)

Nematodes Hurt Plains

Nematodes, relatively new enemy of cotton for the Texas High Plains, have seriously reduced yields in Lubbock tests. Cotton stands on the R. E. Jones farm, near the Western Cotton-oil Co. mill, were poor, with many stunted plants. Details of results at four Plains farms will be reported this fall by Texas Experiment Substation.

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Muskogee, Oklahoma



Note the hot air on the cleaners is blown through the cotton by a series of nozzles (similar to the air blast nozzles on a gin stand), forcing the dirt, leaf trash and stems through the screens. Cleaners made in any number of cylinders to meet local conditions.


STACY Cotton Drying, Cleaning and Extracting System

By actual laboratory test Stacy Spider Arm Cleaner Cylinders expel more motes, trash and stems than any other type of cleaner using wire-mesh screen.

During the past year many Stacy Cleaners have been equipped with Grid Bars instead of screens with amazing results. In examining the trash we found full cotton leaves, and practically all of the stems, sticks and trash were removed, most of which could not possibly have passed through a wire-mesh screen.

These Grid Bars are available for all Stacy Cleaners now in the field. The more leaf trash left in the cotton entering the gin stands, the greater the loss of lint at the lint cleaners, as the cotton fibres adhere to each particle of trash and are thrown off.

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Males Go Informal, Prefer Cotton

U.S. men are dressing more informally and prefer cotton summer clothing. A survey of 2,379 men over 16 years of age by USDA reveals these facts:

More than a fourth of the adult males throughout the country own sport shirts, summer slacks, sport jackets, and special suits for summer wear.

Cotton was found to lead the fibers for all garments discussed except sport jackets and summer suits: 99 percent of the men owned cotton business dress shirts, 95 percent cotton sport shirts, and 49 percent cotton summer slacks or separate trousers.

Wool is the fiber most preferred in terms of ownership, preference, and recent purchase for summer suits and both summer and other season sport jackets. Forty-three percent of the men listed wool as their choice for summer sport coats or jackets; 28 percent favored it for summer suits. About 16 percent preferred cotton summer coats or jackets, and 10 percent preferred cotton for suits.

Ownership of synthetic fibers varies widely by type of garment, but none of the synthetics has yet come close in ownership to cotton or wool for any garments studied. For example, nylon sport shirts are owned by 37 percent of the men, but cotton by 95 percent.

In addition to finding out what men owned, researchers asked what they preferred. Seventy-two percent of the men preferred cotton for sport shirts, 90 percent for dress shirts, and 24 percent for summer slacks. Most men preferred cotton for their clothes simply because of comfort, "It's cool."

A copy of "Men's Preferences for Cotton, Wool, and Other Fibers in Selected Clothing Items," Marketing Research Report 244, may be obtained from the office of Information, USDA, Washington 25.

New Bulletin

CAROLINAS GINNERS ISSUE ANNUAL REVIEW

The Carolinas Ginner's Annual Review has been distributed from the offices of Carolinas Ginner's Association, Bennettsville, S.C. E. O. McMahan is editor of the publication and executive secretary of the Association, and Mrs. Maxie S. Helms is office secretary.

The Review contains articles on cotton, ginning and related subjects and pictures of leaders in the Association and industry in the Carolinas.

India Produces Second Largest Cotton Crop

India now estimates that its 1957-58 crop was the second largest since partition from Pakistan in 1947. The 4,250,000 bales produced compared with the 1954-55 high of 4,322,000.

Indian mill consumption, August-March this season, has been 2,788,000 bales, two percent below the same months last year. Cloth production in more recent months, however, has been 10 percent below a year earlier.

• Plans Announced for Soybean Meeting

MERCHANDISING and foreign markets will be emphasized at the American Soybean Association meeting, Aug 19-20, at Hotel Fort Des Moines, Des Moines, Iowa.

Tuesday, Aug. 19, will be devoted to markets. Export programs of both the Soybean Association and the Soybean Council of America, Inc., will be reviewed in one half-day session.

There will be reports from men actively in charge of the soybean export market development programs in Japan, Spain, Italy and Germany.

Two visitation teams from Italy, one from the livestock feed industry, the other from the vegetable oil industry, and a team from the Spanish vegetable oil industry, will be making a tour of the U.S. soybean industry and will attend the convention.

Edward M. James, oil technician for the Soybean Council of America, will tell about his work in Turkey, Spain and Italy and will give his interpretation of the outlook for sales of U.S. soybean oil in these countries.

A special market day feature will be a panel made up of men who have been abroad on special assignments for the Soybean Association and the Soybean Council. Included on the panel will be men from industry, Soybean Association and Council officials, government officials and college men who have done survey work and participated in U.S. exhibits of soybeans and soybean products in international trade fairs abroad.

The annual business meeting of the National Soybean Processors' Association will be held at Hotel Fort Des Moines preceding the ASA meeting, on Aug. 18.

Firms serving the soybean industry will offer exhibits at both meetings.

Resistance to Weevils

Cotton plants that resist boll weevils were the center of interest at the July Cotton Visiting Day at Southwest Arkansas Branch Experiment Station, Hope. Experiments which seek to develop resistant cotton plants were exhibited.

From plants secured from all over the world, researchers last year selected the most weevil-resistant seed for planting this year and will continue to select for this character.

Mill Moves Headquarters

Indian Head Mills, a leading textile manufacturer, has moved its headquarters to the fourteenth floor of a new building at 111 West 40th Street, New York City.

Texas Crushers Will Meet at Shamrock

Texas Cottonseed Crushers' Association will hold its 1959 convention at the Shamrock Hotel in Houston, Jack Whetstone, Dallas, secretary-treasurer, has announced. The dates will be June 7-8-9.

New Bulletin

ANDERSON EXPELLER CATALOG DESCRIBES PROCESSES

A new, 12-page catalog has been published by The V. D. Anderson Co., describing their complete line of Anderson Twin Motor Super Duo Expellers. This catalog is useful for everyone engaged in vegetable oil milling, as it describes the newest mechanical equipment available for vegetable oil extraction and the advantages of each type.

Four models of Twin Motor Super Duo Expellers are described. These are (1) the Expeller 33 for high protein materials; (2) the Expeller 33 Duplex for hard, fibrous, high oil content materials; (3) the Expeller 33 Pre-press for prepressing of high-oil seeds to prepare the material before solvent

extraction and (4) the Expeller 55 for high capacity processing of various vegetable oil seeds.

A brief description of the Expeller Process is given, together with an explanation of how the twin motor principle results in more efficient operation. The Anderson screening tank and group oil cooling system which results in economies in oil cooling is also described. Capacities, residuals and shipping weights are itemized for each Expeller model.

Complimentary copies of Catalog 458 are available from The V. D. Anderson Co., division of International Basic Economy Corp., 1935 West 96th Street, Cleveland 2, Ohio; or The Cotton Gin and Oil Mill Press, P.O. Box 7985, Dallas 26.

FACT

for ADVERTISERS:

■ The editorial leadership of this publication is measured by the fact that the National Cottonseed Products Association, the National Cotton Ginners' Association and every state ginners' association have recognized it as their official magazine.

CALENDAR



- Aug. 12-14—Beltwide Cotton Mechanization Conference. Memorial Center, Brownsville, Texas. For information, write National Cotton Council, P. O. Box 9905, Memphis, Tenn.
- Aug. 18—National Soybean Processors' Association, Hotel Fort Des Moines,

Des Moines, Iowa; R. G. Houghtlin, president, 3818 Board of Trade Bldg., Chicago 4, Ill.

- Aug. 19-20—American Soybean Association, Hotel Fort Des Moines, Des Moines, Iowa; George M. Strayer, executive vice-president, Hudson, Iowa.

- Oct. 20-22—American Oil Chemists' Society fall meeting. Chicago. For information, write AOCS headquarters, 35 East Wacker Drive, Chicago.

- Oct. 21-22 — Spinner-Breeder Conference. Lubbock, Texas. (In conjunction with USDA Cotton and Cottonseed Advisory Committee meeting and South Plains Maid of Cotton Contest.) For information, write Delta Council, Stoneville, Miss., or Plains Cotton Growers, Inc., Lubbock National Bank Building, Lubbock.

- Dec. 17-18—Beltwide Cotton Production Conference. Rice Hotel, Houston, Texas. For information, write National

Cotton Council, P. O. Box 9905, Memphis 12, Tenn.

1959

- Jan. 30 — Oklahoma Cotton Ginners' Association annual convention. Skirvin Hotel, Oklahoma City. Mrs. Roberta Reubell, secretary, 307 Bettles Building, Oklahoma City.

- Feb. 8-10—Texas Cooperative Ginners' Association, Texas Federation of Cooperatives and the Houston Bank for Cooperatives, annual joint meeting, Convention Center, Galveston. Bruno E. Schroeder, executive secretary, 307 Nash Building, Austin, Texas.

- Feb. 9-10—National Cotton Council annual meeting. Dinkler Plaza Hotel, Atlanta. For information, write National Cotton Council, P. O. Box 9905, Memphis.

- Feb. 16-17 — Cottonseed Processing Clinic. Southern Regional Laboratory, New Orleans. Sponsored by USDA and Valley Oilseed Processors' Association. C. E. Garner, 416 Exchange Building, Memphis, Association secretary.

- March 3-4—Western Cotton Production Conference. Westward Ho Hotel, Phoenix, Ariz. Southwest Five-State Cotton Growers' Association and National Cotton Council, P. O. Box 9905, Memphis 12, sponsors.

- March 9-11—Midsouth Gin Supply Exhibit. Midsouth Fairgrounds, Memphis. Sponsored by Arkansas-Missouri Ginners' Association, Tennessee Ginners' Association and Louisiana-Mississippi Ginners' Association, which will have annual meetings in conjunction with Exhibit. For information on exhibit, write W. Kemper Bruton, P. O. Box 345 Blytheville, Ark.

- March 12-14—Texas Cotton Association annual convention at the Statler Hilton Hotel, Dallas. L. T. Murray, Waco, executive vice-president.

- March 13-15—West Coast Division, International Oil Mill Superintendents' Association, annual meeting. Bakersfield, Calif. Harold F. Crossano, California Cotton Oil Corp., Los Angeles, general chairman.

- April 5-7—Texas Cotton Ginners' Association annual convention, State Fair of Texas grounds, Dallas. Edward H. Bush, executive vice-president, P. O. Box 7665, Dallas.

- April 6-7 — Valley Oilseed Processors' annual convention, Buena Vista Hotel, Biloxi, Miss. C. E. Garner, 416 Exchange Building, Memphis, secretary.

- May 10-11-12 — National Cottonseed Products Association annual convention. Mark Hopkins and Fairmount Hotels, San Francisco. John F. Moloney, 43 North Cleveland, Memphis, secretary-treasurer.

- June 7-8-9—Texas Cottonseed Crushers' Association annual convention. Shamrock Hotel, Houston. Jack Whetstone, 624 Wilson Building, Dallas, secretary-treasurer.

Exports Hold Up Well

USDA expects soybean exports this season to be about the same as last season's record 85 million bushels. Total vegetable oil exports, forecast at 1,100,000,000 pounds, will be about 10 percent under the record high of 1956-57.



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Cooling Effects of AWNINGS

Now Can Be Measured

The value of canvas awnings in making a house cooler has long been recognized.

This summer, however, home owners can get an accurate estimate of just how much heat they will exclude from a room, thanks to new research by air-conditioning experts, the National Cotton Council reports.

The answer for individual homes can be obtained from information compiled by researchers of the American Society of Heating and Air-Conditioning Engineers, who recently completed a study on "Heat Gain Through Windows Shaded by Canvas Awnings."

Highlights of the report are:

1. Canvas awnings can exclude from 55 to 77 percent of the solar heat from entering a window during a day's time, with best results being obtained from awnings over western exposed windows.

2. Light-colored awnings are more effective than dark.

3. The difference venting makes in the temperature of the air under an awning is not a vital factor in the awning's efficiency.

4. Conventional awnings with sides are more effective at reducing room temperatures than the venetian style without sides.

5. Opaque canvas awnings are more effective than woven plastic fabric awnings, whose loose weave permits the passage of significant amounts of sunlight.

Experiments on which the report is based were conducted under simulated household conditions at ASHAE headquarters in Cleveland. The project was subsidized by the Canvas Awning Institute and Canvas Products Association International.

Using a 44¼ by 44¼-inch test window, engineers measured the amount of heat transferred directly through the glass, called transmitted head gain, as well as the convected-radiated heat gain, which represents heat dissipated into the room by the warmed window glass. The transmitted heat gain is the result of direct solar radiation from the sun, diffuse solar radiation from the sky, reflected solar radiation from the surroundings, and low-temperature radiation from both the sky and surroundings.

The relative importance of material, color, the shape and venting of awnings was investigated.

Awnings selected for testing included:

1. Conventional type, canvas, outside dark green, underside grey-green.
2. Conventional type, canvas, outside white, underside grey.

3. Venetian type, canvas, outside

dark green, underside grey-green.

4. Conventional type, woven plastic fabric, outside and underside dark green.

Researchers found the white awnings more effective than the dark-colored ones because they absorb less heat, and cause no appreciable warming of the air under the awning.

Test supervisors were interested to find that the conventional type awning with ends is more effective at lowering room temperatures than the venetian type without ends. They concluded this is because more reflected solar radiation and diffuse radiation enters the open ends of the venetian type to increase the temperature of the glass, indicating

more is to be gained from shading the window than from improving circulation of air under the awning.

Publication of test results means that for the first time precise measurements on the effectiveness of canvas awnings are available to awning manufacturers, architects, builders, air-conditioning engineers, and the general public.

Home owners planning to install air conditioning or with a unit already in operation will find this new information of particular significance. On the basis of the report, it is estimated canvas awnings can mean a savings of as much as 30 percent in seasonal operating costs for the average home.

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Day after day, a constant stream of vegetable oils comes from producers throughout the South to be processed at southern Procter & Gamble plants. Tremendous quantities of these oils go into the making of Crisco, Primex, Sweetex and Flake-white shortenings, and Puritan Oil.

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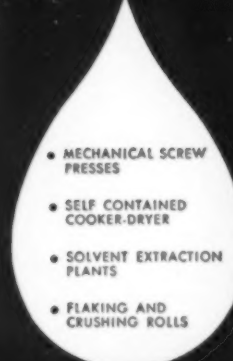
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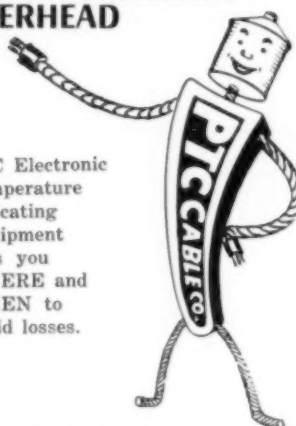


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• Corn Products, Best Foods Will Merge

MERGER of Corn Products Refining Co. and The Best Foods, Inc. has reached the stage of preliminary agreement.

The proposed merger would bring together two leading manufacturers of vegetable oils and grocery products. Last published annual sales figures were approximately \$495 million, world-wide, for Corn Products and \$115 million for Best Foods. Combined net income of the two companies after taxes was over \$32 million.

The joint announcement outlined plans to form a new corporation into which the two companies would be merged. One share of common stock of the new company will be issued for each share of common stock of Corn Products and 1.6 shares for each share of Best Foods. Following the merger it is planned to place the common stock of the new company on a \$2 annual dividend basis.

Guillory To Welcome Midsouth Shippers

D. J. Guillory, president, Memphis Board of Trade, will welcome members of the Midsouth Soybean and Grain Shippers' Association at their fifth annual meeting on Aug. 6.

The meeting will be held at the Peabody Hotel and will be preceded on Aug. 5 by a directors' meeting, cocktail party and buffet supper.

Howard L. Roach, president, Soybean Council of America; W. E. Huge, vice-president, Central Soy Co.; Al Oliver, executive vice-president, National Grain and Feed Dealers' Association; and Clarence W. Weldon, vice-president, First National Bank in Chicago, will speak.

District Meetings Planned

Carolinas Ginners' Association will hold the following district meetings during August: Dunn, N.C., Aug. 1, at Bar-B-Que House; Rocky Mount, N.C., Aug. 4 at Overton's; Sumter, S.C., Aug. 5, at Franks. All meetings start at 7:30 p.m.

No district meetings will be held this year at Shelby, Clemson and Orangeburg; directors for these districts will continue to serve another year.

Jackson Says Cotton Is Problem for Everyone

Cotton must throw off the "political chains around its neck" to prosper again, Burris C. Jackson, Hillsboro, chairman of the Statewide Cotton Committee of Texas and a director of the National Cotton Council, told the Dallas Rotary Club July 16.

Jack Whetstone, secretary-treasurer of Texas Cottonseed Crushers' Association, was the Rotarian in charge of the program. He distributed facts about the importance of cotton to Dallas and Texas.

Jackson said cotton problems were not those for members of the industry, alone, but concerned the entire public.

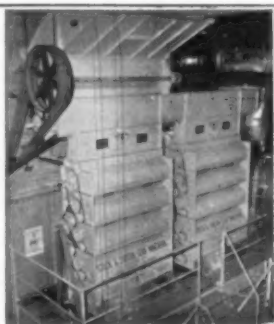
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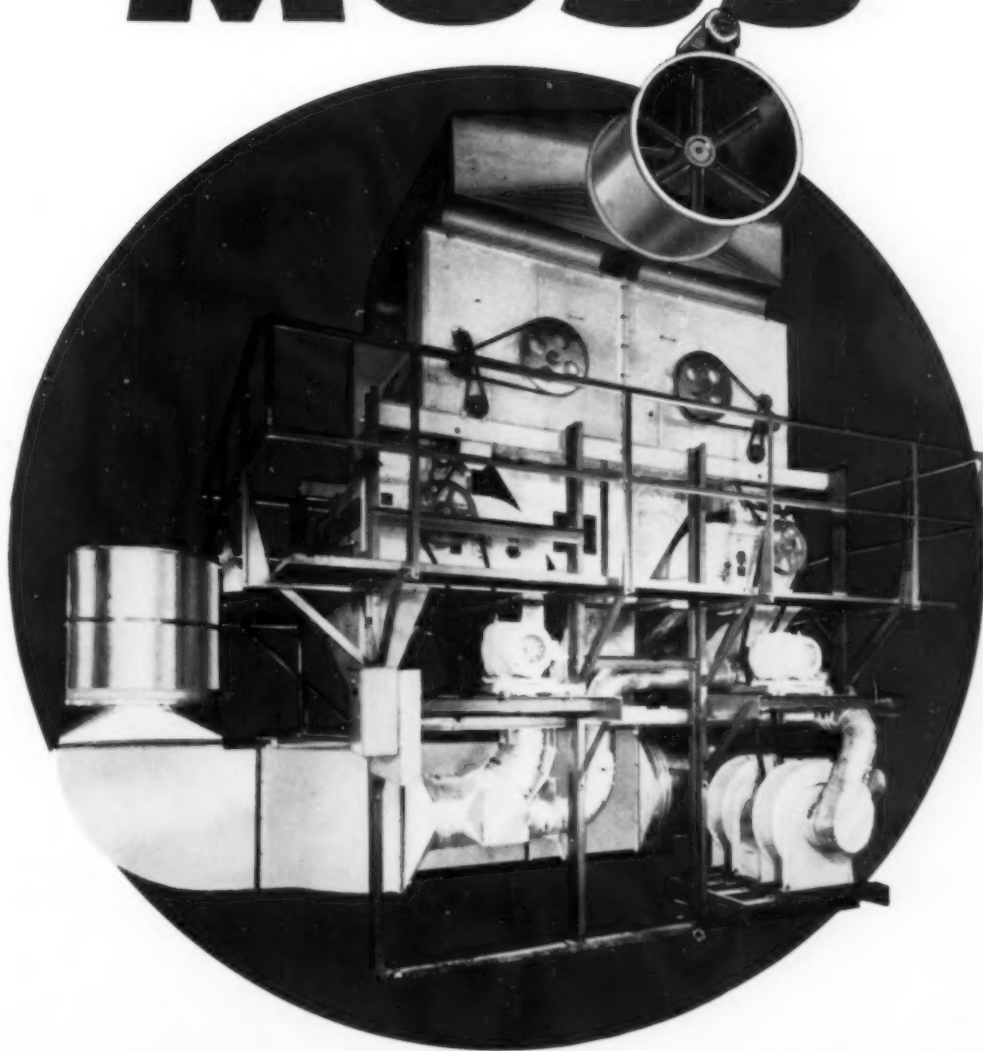
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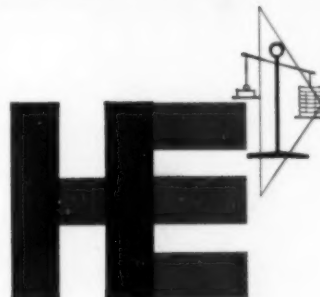
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